PRODUCTION CHANGE NOTICE

VIDEO CASSETTE RECORDER PARTS LIST

FISHER

FVH-P530

Change on all pages should be made in the SERVICE MANUALS.

VIDEO CIRCUIT P.C.B. PARTS

FVH-P530 From Serial No. 10001 to Serial No. 27501				FVH-P530 From Serial No. 27502			
Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
			(CAPACITORS)				
C220	14	C1HCDJ120CH	CERAM 12pF 50V J	C1HCDD100CH	CERAM 10pF 50V D	Change	D
C291	15	C1AREM476A	ELECT 47pF 10V M			Delete	D
			(TRANSISTORS)				
Q228	17	TG2SA608NPF	TR 2SA608NP(F)or(G)			Delete	D
or		TG2SA608SPF	TR 2SA608SP(F)or(G)			Delete	D
or		TN2SA1175F	TR 2SA1175(F)or(G)			Delete	D
or		TN2SA733P	TR 2SA733(P)or(Q)			Delete	D
or		TT2SA1015G	TR 2SA1015(G)or(Y)			Delete	D
			(RESISTORS)				
R336	19	R2EDPJ471A	CARBO 470 1/4W J			Delete	D
R337	19	R2EDPJ223A	CARBO 22k 1/4W J			Delete	D

AUDIO CIRCUIT P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
			(CAPACITOR)				
C406	20	C1CREM106A	ELECT 10μF 16V M	C1HREM105A	ELECT 1μF 50V M	Change	D
			(TRANSISTORS)				
Q402(or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q405(or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q406(or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q407(or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q409(or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q411(or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q414(or)	21			TN2SC1845E	TR 2SC1845(E)or(U)	Add	D
Q415(or)	21			TN2SC1845E	TR 2SC1845(E)or(U)	Add	D
			(RESISTORS)				
R413	21	R2EDPJ331A	CARBO 330 1/4W J	R2EDPJ563A	CARBO 56k 1/4W J	Change	D
R431	21	R2EDUJ333A	CARBO 33k 1/4W J			Delete	D
R461	21	R2EDPJ103A	CARBO 10k 1/4W J	R2EDPJ333A	CARBO 33k 1/4W J	Change	D
R462	21	R2EDPJ103A	CARBO 10k 1/4W J	R2EDPJ272A	CARBO 2.7k 1/4W J	Change	D
			(VARIABLE RESISTOR)				
VR403	21	4-2224-00290	SEMI 100kB	4-2224-00070	SEMI 200kB	Change	D

SYSTEM CONTROL SERVO P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
	21	0-4014-00393	SYSCON SERVO PC ASSY	0-4014-00395	SYSCON SERVO PC ASSY	Change	D
			(CAPACITOR)				
C517				C1EBDK103SP	SEMI 0.01μF 25V K	Add	D
			(RESISTORS)				
R734	26	R2EDPJ183A	CARBO 18k 1/4W J	R2EDPJ123A	CARBO 12k 1/4W J	Change	D

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FVH-P530 From Serial No. 10001 to Serial No. 27501				FVH-P530 From Serial No. 27502			
Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
R735	26	R2EDPJ183A	CARBO 18k 1/4W J	R2EDPJ123A	CARBO 12k 1/4W J	Change	D
R741	26	R2EDPJ223A	CARBO 22k 1/4W J	R2EDPJ272A	CARBO 2.7k 1/4W J	Change	D
			(VARIABLE RESISTORS)				
VR705	27	4-2224-00140	SEMI 22kB	4-2224-00760	SEMI 33kB	Change	D
VR706	27	4-2224-00140	SEMI 22kB	4-2224-00760	SEMI 33kB	Change	D

SYSTEM CONTROL DRIVE P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
	27	0-4014-00410	SYSCON DRIVE PC ASSY	0-4014-01210	SYSCON DRIVE PC ASSY	Change	D
			(CAPACITORS)				
C872	27	C1EREM107A	ELECT 100μF 25V M	C1HYDK103B	CERAM 0.01μF 50V K	Change	D
C873	27	C1EBDK473SP	SEMI 0.047μF 25V K	C1EREM107A	ELECT 100μF 25V M	Change	D
C875	27	C1EBDK473SP	SEMI 0.047μF 25V K	C1ELEM475A	ELECT 4.7μF 25V M	Change	D
C876	27	C1EBDK473SP	SEMI 0.047μF 25V K	C1ELEM475A	ELECT 4.7μF 25V M	Change	D
C877	27	C1EBDK473SP	SEMI 0.047μF 25V K	C1ELEM475A	ELECT 4.7μF 25V M	Change	D
C880				C1EBDK473SP	SEMI 0.047μF 25V K	Add	D
C881	27	C1HYDK152B	CERAM 0.015μF 50V K			Delete	D
C882	27	C1HYDK152B	CERAM 0.015μF 50V K			Delete	D
C883	27	C1HYDK152B	CERAM 0.015μF 50V K			Delete	D
C884	27	C1EREM475A	ELECT 4.7μF 25V M			Delete	D
C885	27	C1EREM475A	ELECT 4.7μF 25V M	C1EBDK473SR	SEMI 0.047μF 25V K	Change	D
C886	27	C1EREM475A	ELECT 4.7μF 25V M			Delete	D
IC861	27	IHHA11714	IC HA 11714	IGLB1620	IC LB 1620	Change	D
IC862	27	IHHA11715	IC HA 11715			Delete	D
IC863(or)	27			IRSANYO003	HYBRID IC SANYO 003	Add	D
IC864(or)	27			IRSANYO004	HYBRID IC SANYO 004	Add	D
			(TRANSISTORS)				
Q868(or)	28	TN2SC1449K	TR 2SC1449(K)or(L)			Delete	D
or		TT2SC496Y	TR 2SC496(Y)			Delete	D
			(RESISTORS)				
R881	28	R2EDPJ100A	CARBO 10 1/4W J	R2EDPJ333A	CARBO 33k 1/4W J	Change	D
R884	28	R2HNPKR47A	METAL 0.047 1/2W K	R2EDPJ100A	CARBO 10 1/2W K	Change	D
R885	28	R2EDPJ183A	CARBO 18k 1/4W J	R2EDPJ471A	CARBO 470 1/4W J	Change	D
R886	28	R2EDPJ101A	CARBO 100 1/4W J	R2EDPJ471A	CARBO 470 1/4W J	Change	D
R887				R2HNPKR47A	METAL 0.47 1/2W K	Add	D

WIRELESS P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
BR052	30	4-2214-00060	BLOCK RESIST 100X4	4-2214-00050	BLOCK RESIST 10KX4	Change	D
or		4-2214-00061	BLOCK RESIST 100X4	4-2214-00051	BLOCK RESIST 10KX4	Change	D
			(RESISTOR)				
R0019	30	R2EDPJ103A	CARBO 10k 1/4W J	R2EDPJ823A	CARBO 82k 1/4W J	Change	D
			(ZENER DIODES)				
ZD050	30	DFEQA02-10B	ZE DIODE EQA02-10B	DFEQA02-06C	ZE DIODE EQA02-06C	Change	D
or		DGGZA10Y	ZE DIODE GZA10Y	DGGZA5.6Y	ZE DIODE GZA5.6Y	Change	D
or		DNRD10E-B3	ZE DIODE RD10E-B3	DNRD5.6E-B2	ZE DIODE 5.6E-B2	Change	D

TIMER A P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
			(CAPACITOR)				
C111	30	C1AREM107A	ELECT 100μF 10V M			Delete	D
			(DIODES)				
D112				DGDS442	DIODE DS442	Add	D
or				DH1S2076	DIODE 1S2076	Add	D
IC103	31	IISPT3240LO5	IC SPT3240LO5	IISPT3240LO6	IC SPT3240LO6	Change	D
IC104	31	ISSRM2114O3	IC SRM2114C3	ISSRM2114C3	IC SRM2114C3	Correction	E

FVH-P530

SCHEMATIC DIAGRAM & PRINTED CIRCUIT BOARD (EUROPE)

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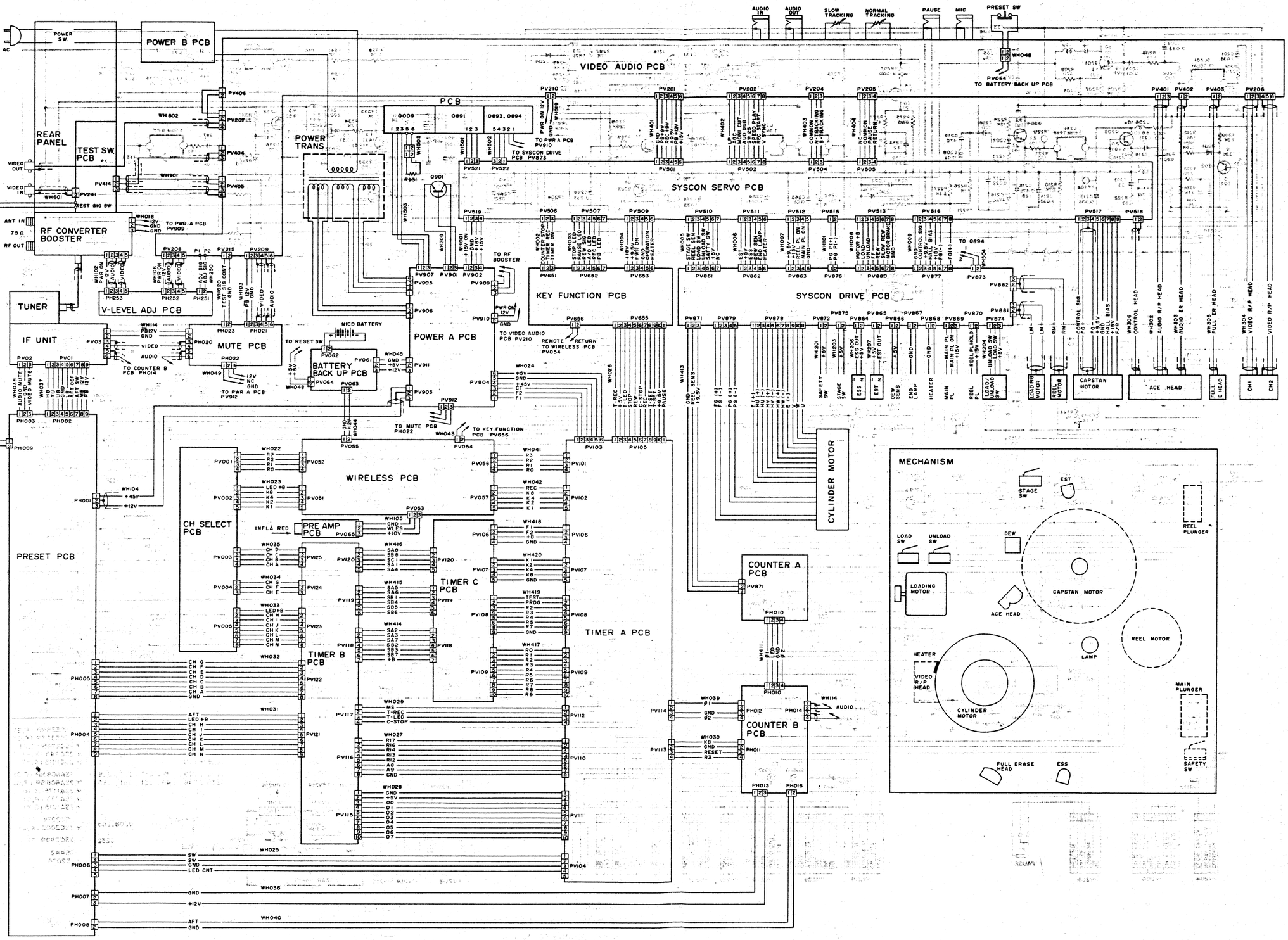
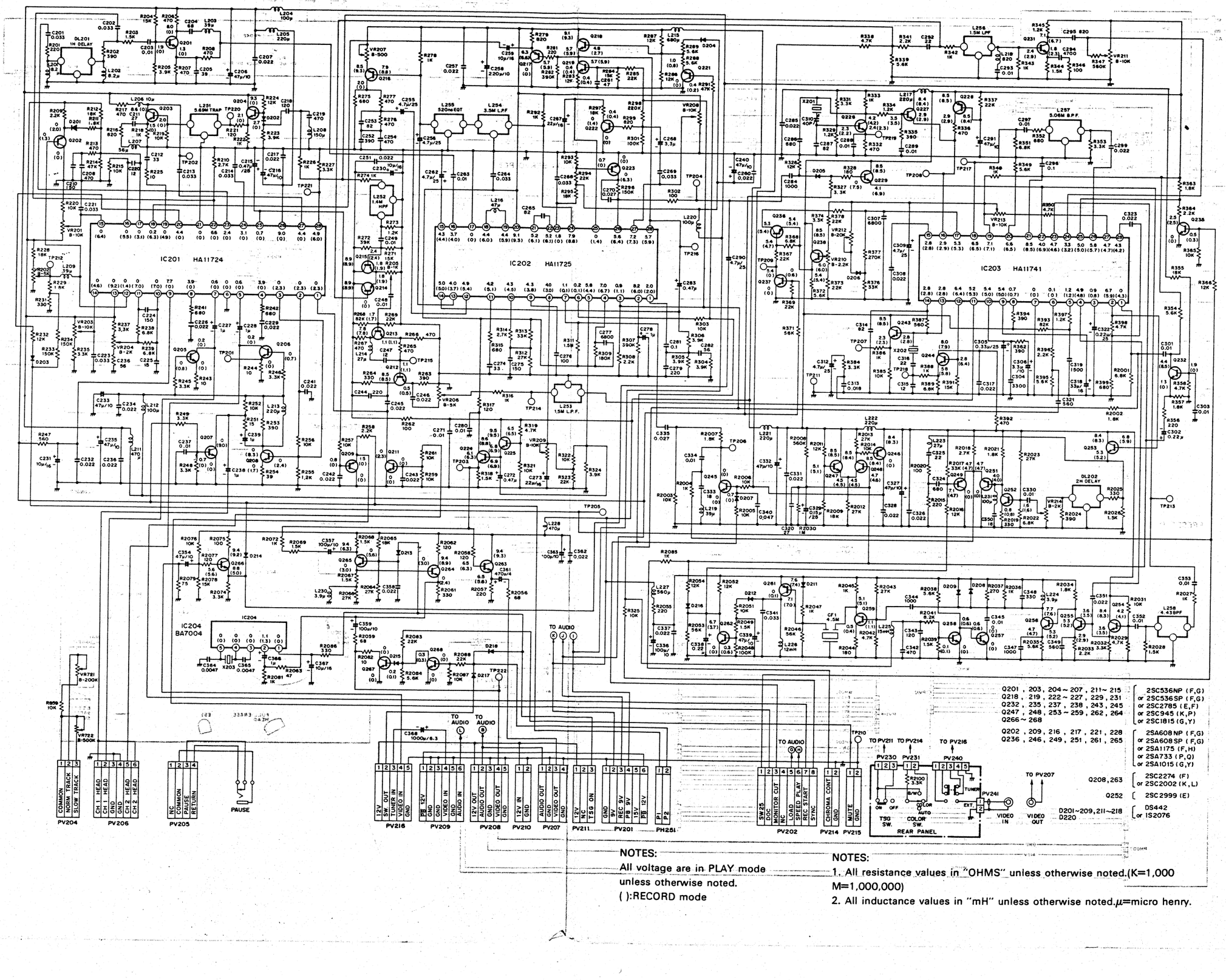
POWER CIRCUIT P.C.B. ..... Ⓦ
PRESET MUTE DIAGRAM ..... Ⓧ
MUTE P.C.B. ..... Ⓨ

OVER ALL WIRING DIAGRAM

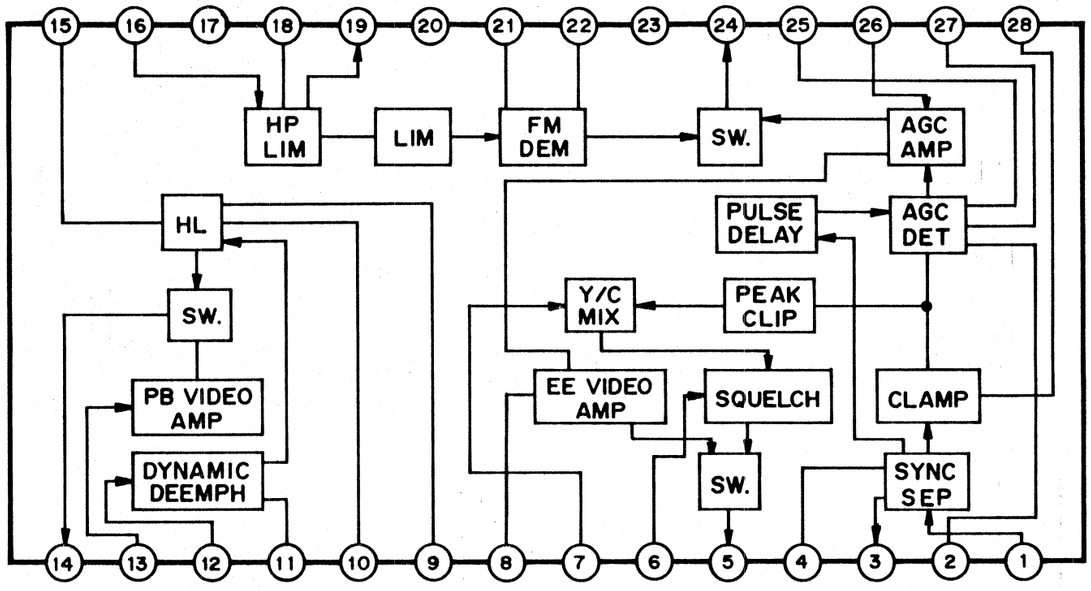


VIDEO CIRCUIT DIAGRAM



NOTES:
All voltage are in PLAY mode unless otherwise noted.
( ):RECORD mode

NOTES:
1. All resistance values in "OHMS" unless otherwise noted.(K=1,000 M=1,000,000)
2. All inductance values in "mH" unless otherwise noted.μ=micro henry.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HP LIM
LIM
FM DEM
SW.
AGC AMP
HL
PULSE DELAY
AGC DET
SW.
Y/C MIX
PEAK CLIP
PB VIDEO AMP
EE VIDEO AMP
SQUELCH
CLAMP
DYNAMIC DEEMPH
SW.
SYNC SEP
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IC202
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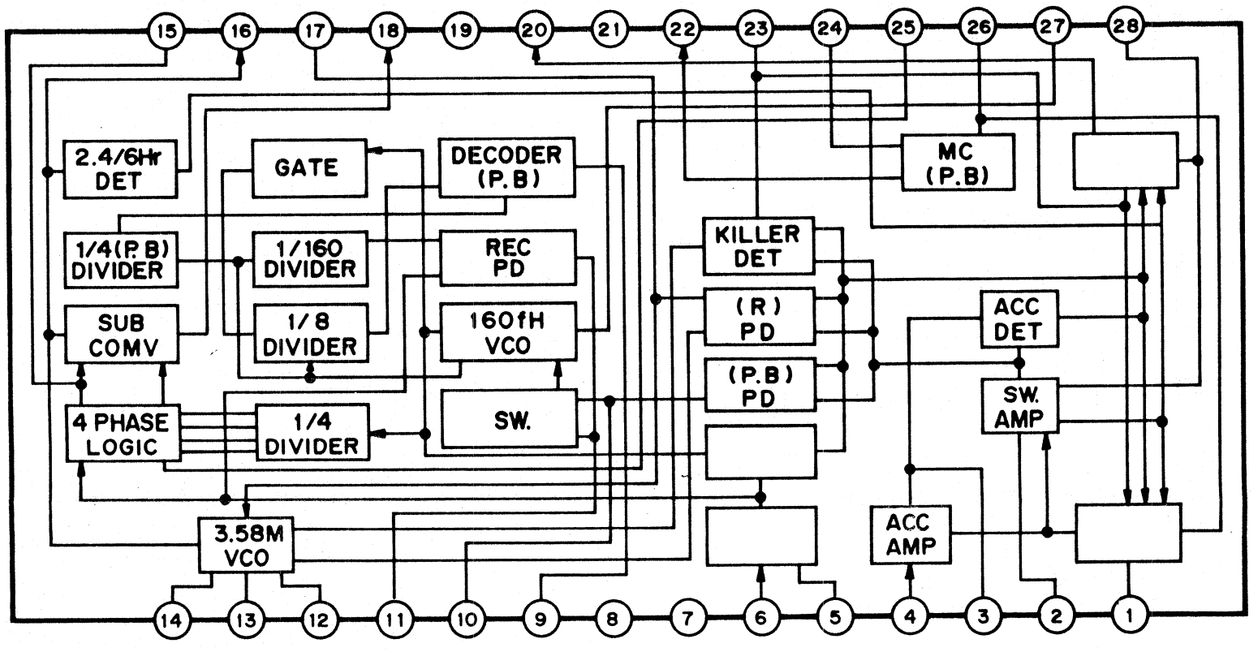
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28
2.4/6Hr DET
GATE
DECODER (P.B)
MC (P.B)
1/4(P.B) DIVIDER
1/160 DIVIDER
REC PD
KILLER DET
SUB COMV
1/8 DIVIDER
160fH VCO
(R) PD
ACC DET
(P.B) PD
SW. AMP
4 PHASE LOGIC
1/4 DIVIDER
SW.
3.58M VCO
ACC AMP
14
13
12
11
10
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TERMINAL VIEW

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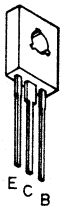

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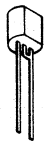
2SC496
2SC1449
2SD894



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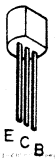

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2SA817
2SA950
2SA952
2SA953
2SA953K

2SA984
2SA984K
2SA1015
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2SA1198
2SB698
2SC536NP
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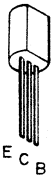
2SC2274
2SC2363
2SC2785
2SD545
2SD734

2SB810



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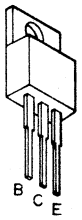
2SA965
2SB560
2SC2236



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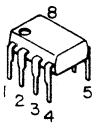

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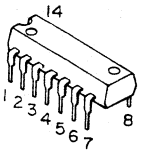

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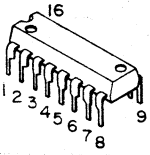

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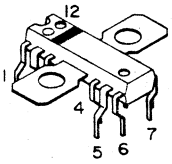

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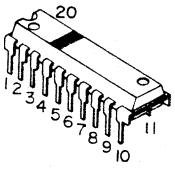

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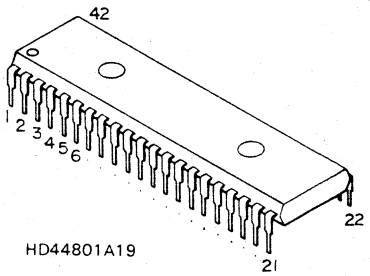

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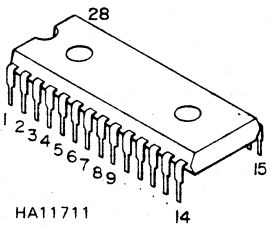

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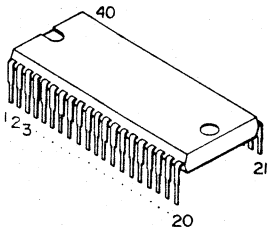

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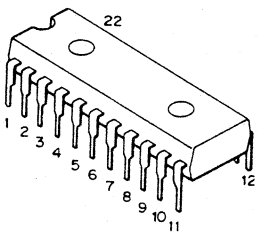

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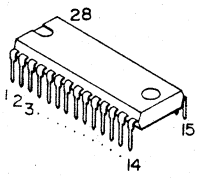

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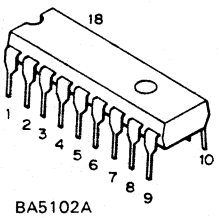

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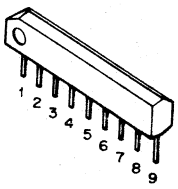

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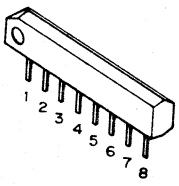

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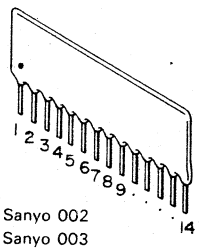

Sanyo 002
Sanyo 003
Sanyo 004

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DS442
EQA02-06
EQA02-08
EQA02-09
EQA02-10
EQA02-16
EQA02-23
EQA02-35
GZA5.1
GZA6.2
GZA8.2
GZA10
GZA16
GZA22
GZA36
GZA39E
GZA91
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RD24E
RD39E
RD51E

DS135E
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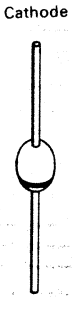
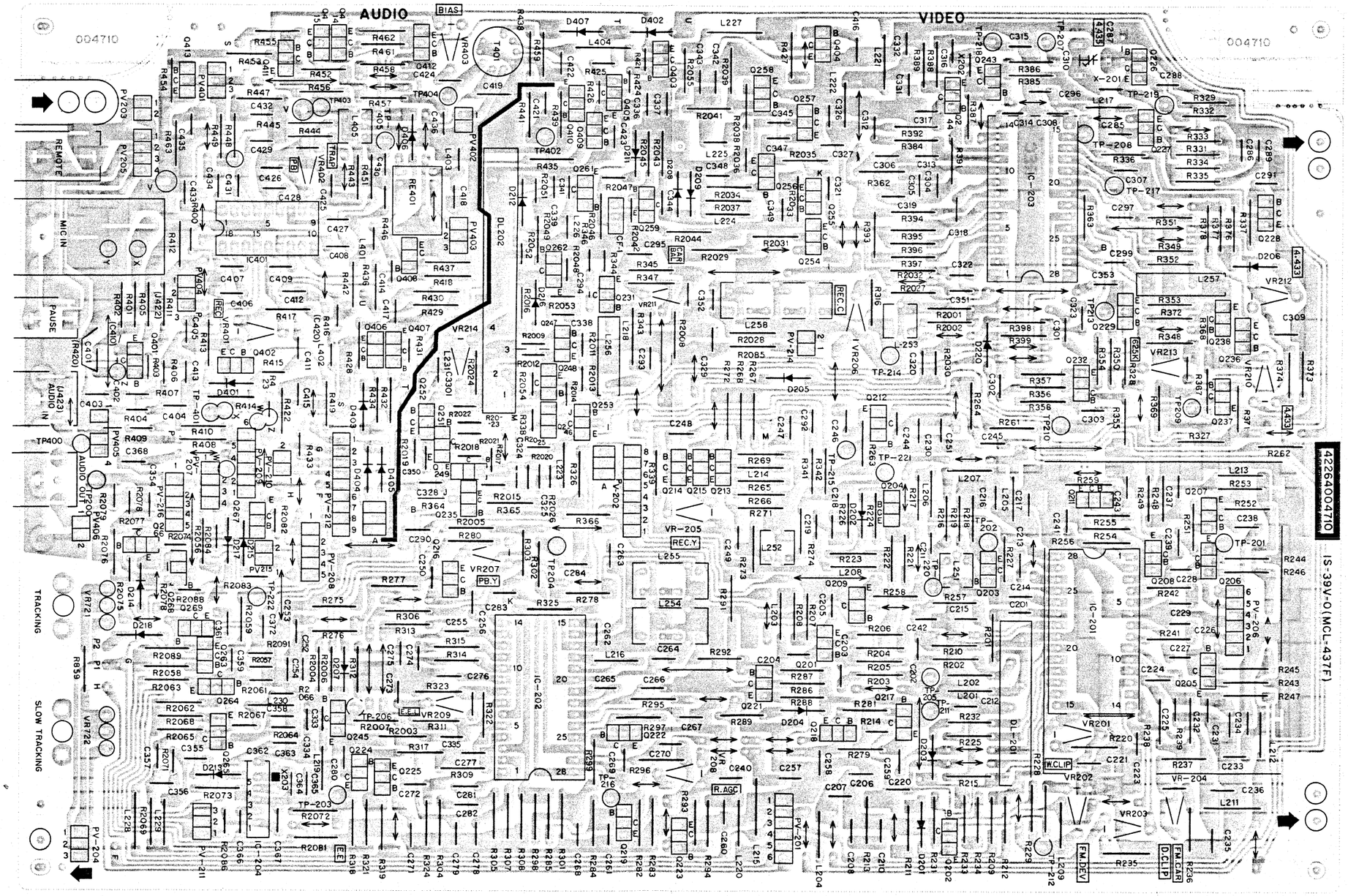


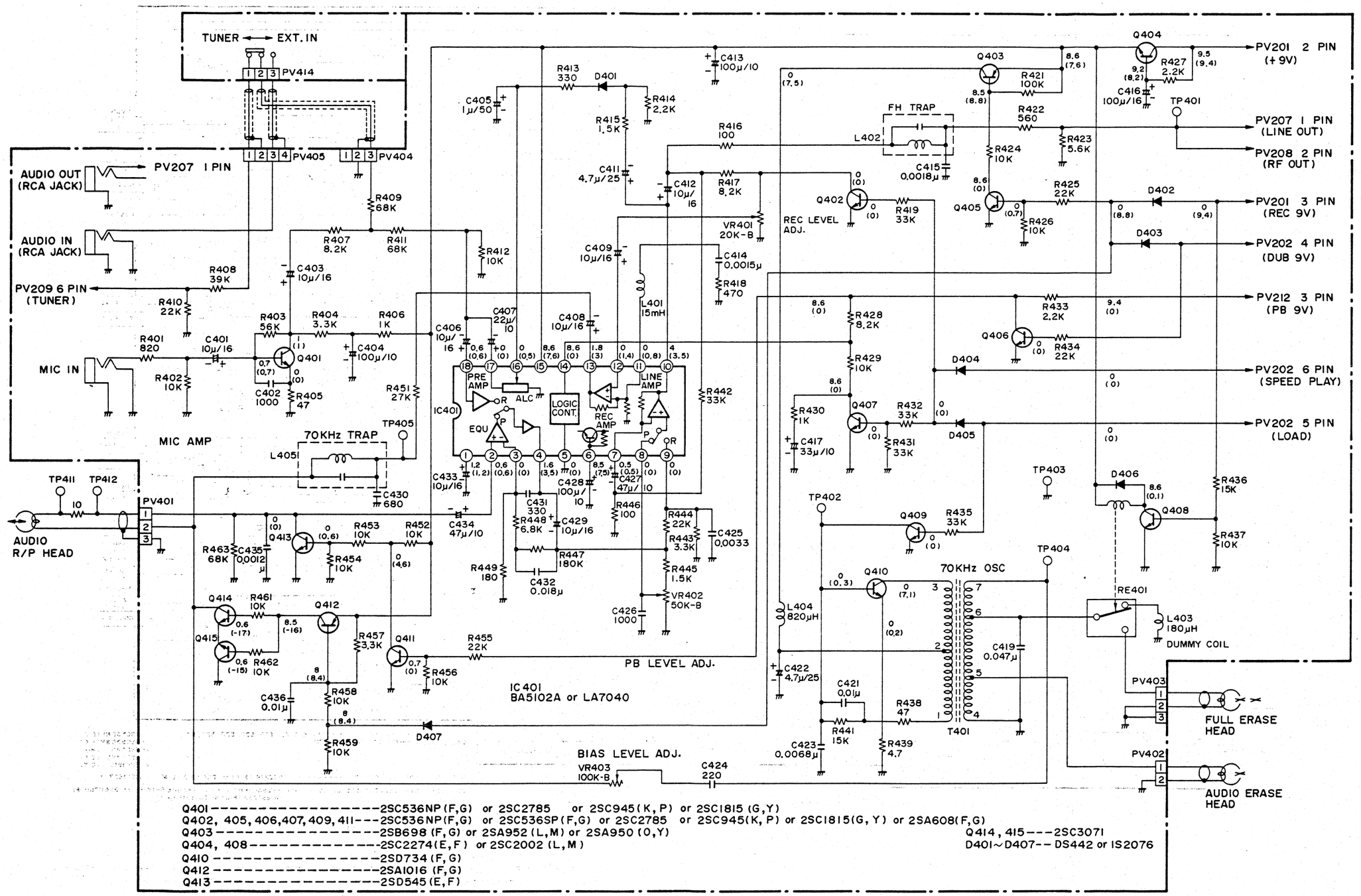
GSA30C

NOTES. B : Base C : Collector E : Emitter

VIDEO AUDIO P.C.B.



AUDIO CIRCUIT DIAGRAM

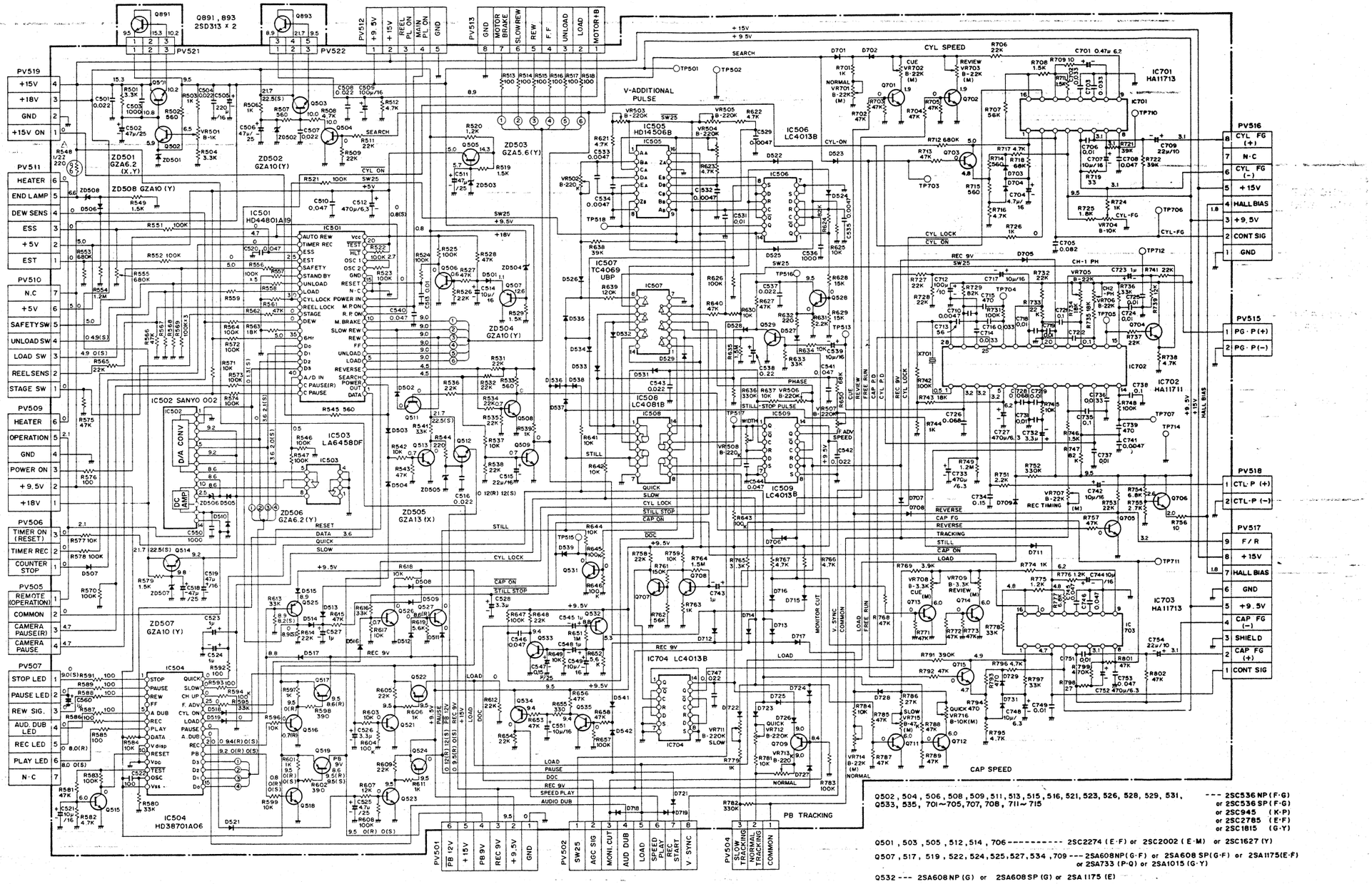


Q401 ---------- 2SC536NP(F,G) or 2SC2785 or 2SC945(K,P) or 2SC1815(G,Y)
Q402, 405, 406, 407, 409, 411 --- 2SC536NP(F,G) or 2SC536SP(F,G) or 2SC2785 or 2SC945(K,P) or 2SC1815(G,Y) or 2SA608(F,G)
Q403 ---------- 2SB698(F,G) or 2SA952(L,M) or 2SA950(O,Y)
Q404, 408 ---------- 2SC2274(E,F) or 2SC2002(L,M)
Q410 ---------- 2SD734(F,G)
Q412 ---------- 2SA1016(F,G)
Q413 ---------- 2SD545(E,F)
Q414, 415 --- 2SC3071
D401~D407 -- DS442 or IS2076

NOTES:
All voltage are in PLAY mode unless otherwise noted.
( ) : RECORD mode

NOTES:
1. All resistance values in "OHMS" unless otherwise noted. (K=1,000 M=1,000,000)
2. All inductance values in "mH" unless otherwise noted. μ=micro henry.

SYSTEM CONTROL SERVO DIAGRAM



Q502, 504, 506, 508, 509, 511, 513, 515, 516, 521, 523, 526, 528, 529, 531, Q533, 535, 701~705, 707, 708, 711~715 --- 2SC536 NP (F·G) or 2SC536 SP (F·G) or 2SC945 (K·P) or 2SC2785 (E·F) or 2SC1815 (G·Y)

Q501, 503, 505, 512, 514, 706 ---------- 2SC2274 (E·F) or 2SC2002 (E·M) or 2SC1627 (Y)

Q507, 517, 519, 522, 524, 525, 527, 534, 709 --- 2SA608NP (G·F) or 2SA608SP (G·F) or 2SA1175 (E·F) or 2SA733 (P·Q) or 2SA1015 (G·Y)

Q532 --- 2SA608NP (G) or 2SA608SP (G) or 2SA1175 (E)

Q518 --- DTC124N

ALL DIODES IS DS442 or 1S2076

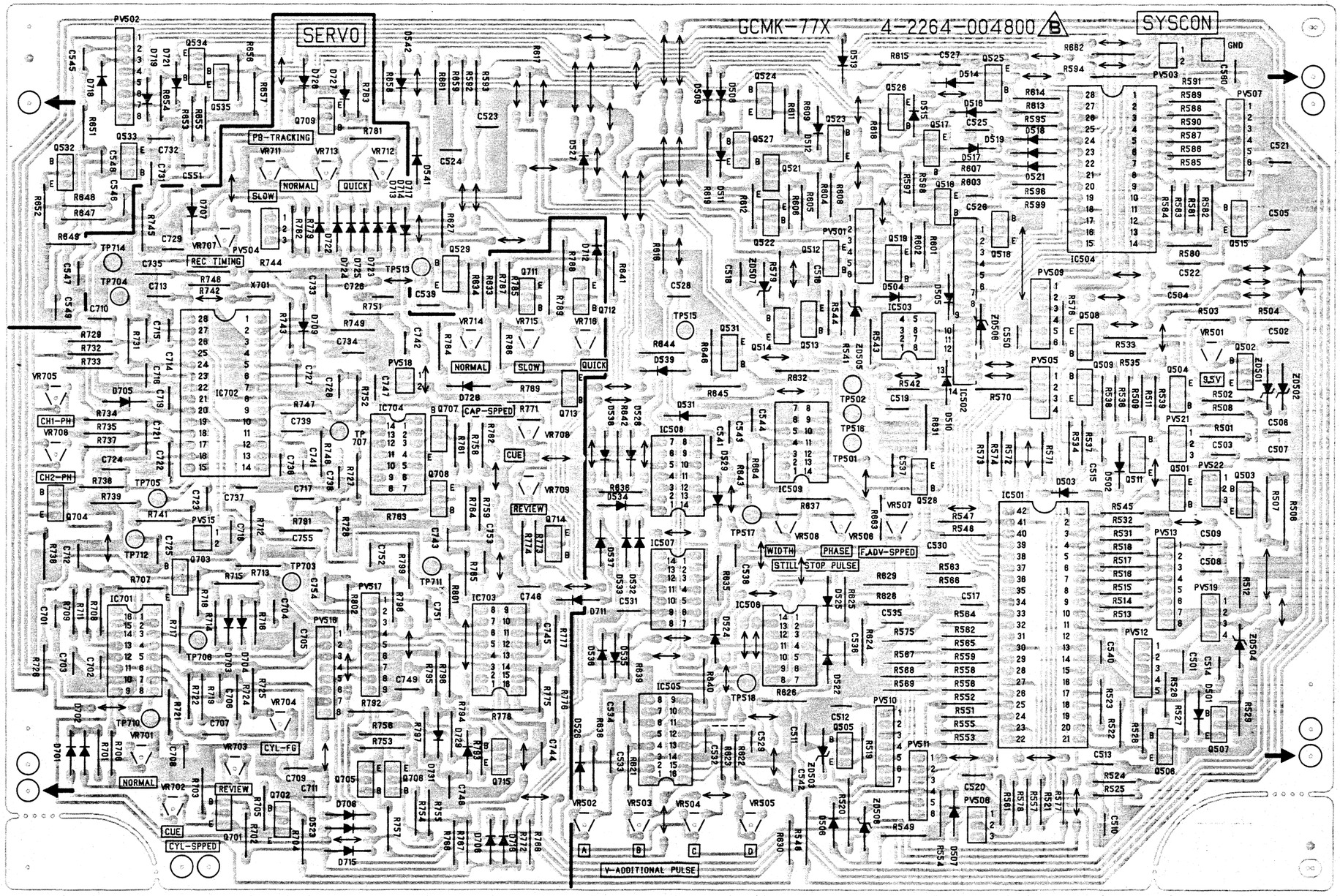
PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A COMPONENT REPLACEMENT IS MADE IN ANY AREA OF A UNIT. COMPONENTS INDICATED BY THE SYMBOL ⚠ IN THIS SCHEMATIC DIAGRAM SHOW COMPONENTS WHOSE VALUE HAVE SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS SPECIFIED ON THE ATTACHED PARTS LIST BE USED FOR COMPONENT REPLACEMENT DESIGNATED BY THE SYMBOL.

NOTES:
All voltage are in PLAY, RECORD and STOP mode unless otherwise noted.
(R) = RECORD mode only
(S) = STOP Mode only

NOTES:
1. All resistance values in "OHMS" unless otherwise noted. (K=1,000 M=1,000,000)
2. All inductance values in "mH" unless otherwise noted. μ=micro henry.

SYSTEM CONTROL SERVO P.C.B.



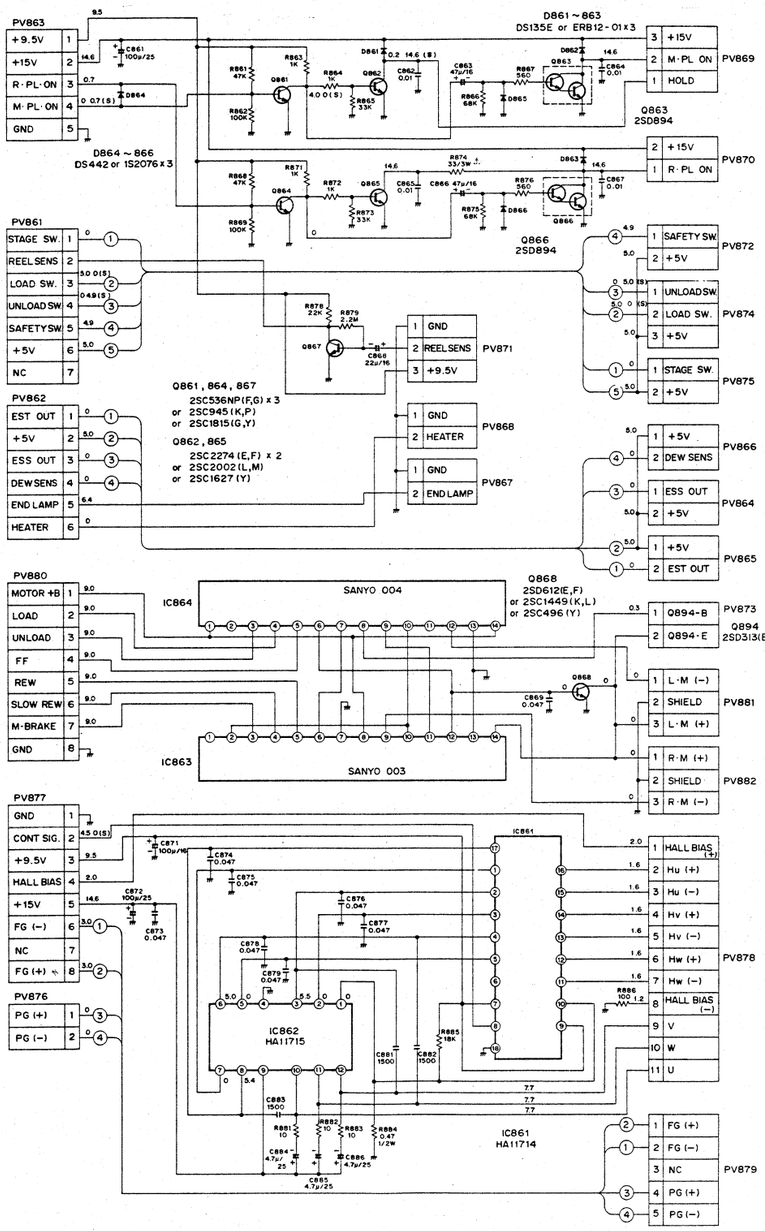
SYSTEM CONTROL DRIVE DIAGRAM

NOTES:
All voltage are in PLAY, RECORD and STOP mode unless otherwise noted.
(S) = STOP mode only

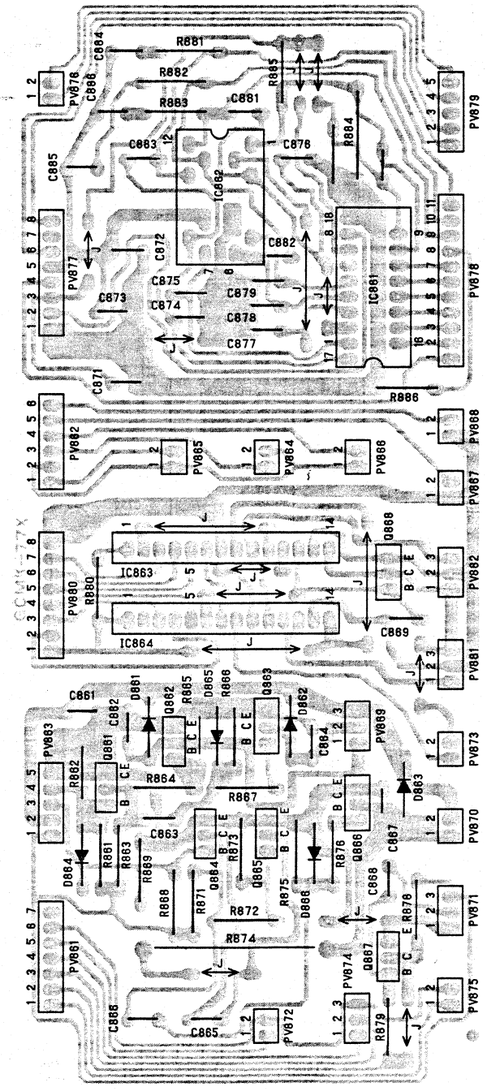
NOTES:
1. All resistance values in "OHMS"unless otherwise noted.(K=1,000 M=1,000,000)
2. All inductance values in "mH"unless otherwise noted.μ=micro henry.

PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A COMPONENT REPLACEMENT IS MADE IN ANY AREA OF A UNIT. COMPONENTS INDICATED BY THE SYMBOL ⚠ IN THIS SCHEMATIC DIAGRAM SHOW COMPONENTS WHOSE VALUE HAVE SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS SPECIFIED ON THE ATTACHED PARTS LIST BE USED FOR COMPONENT REPLACEMENT DESIGNATED BY THE SYMBOL.

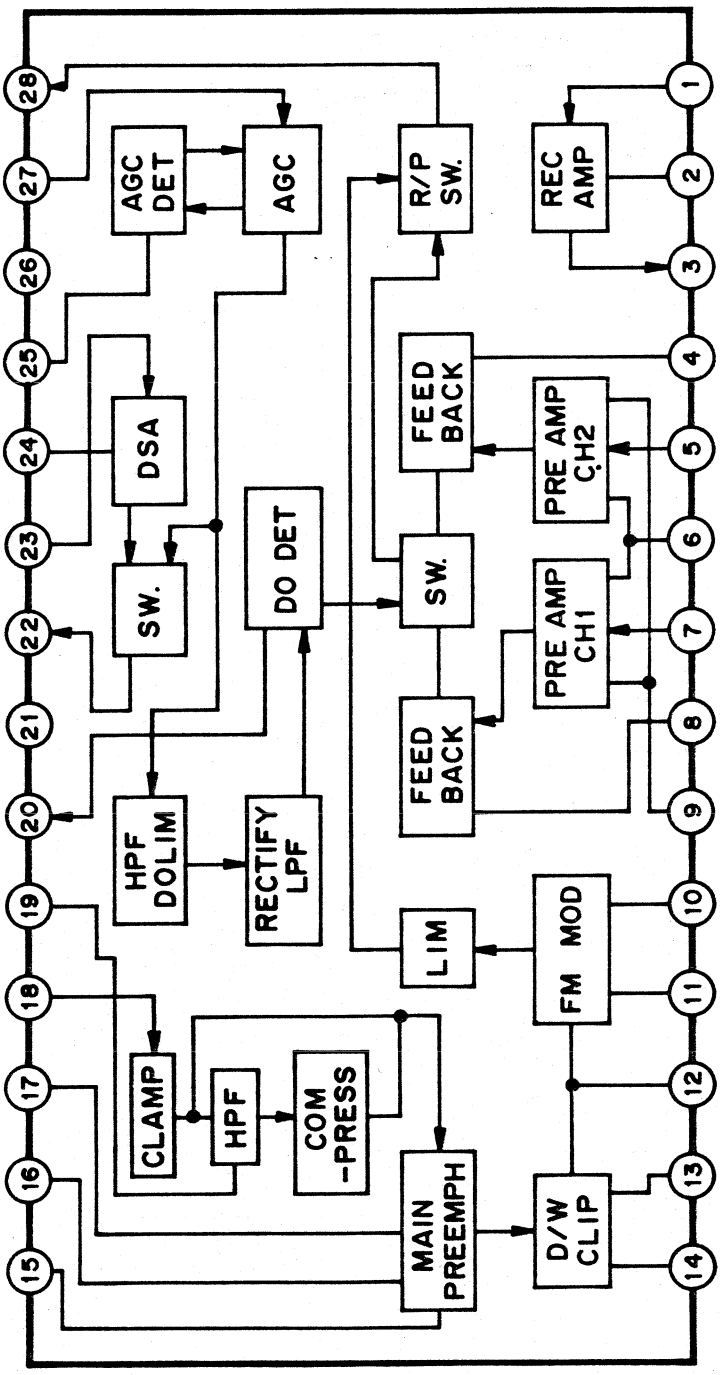


SYSTEM CONTROL DRIVE P.C.B.

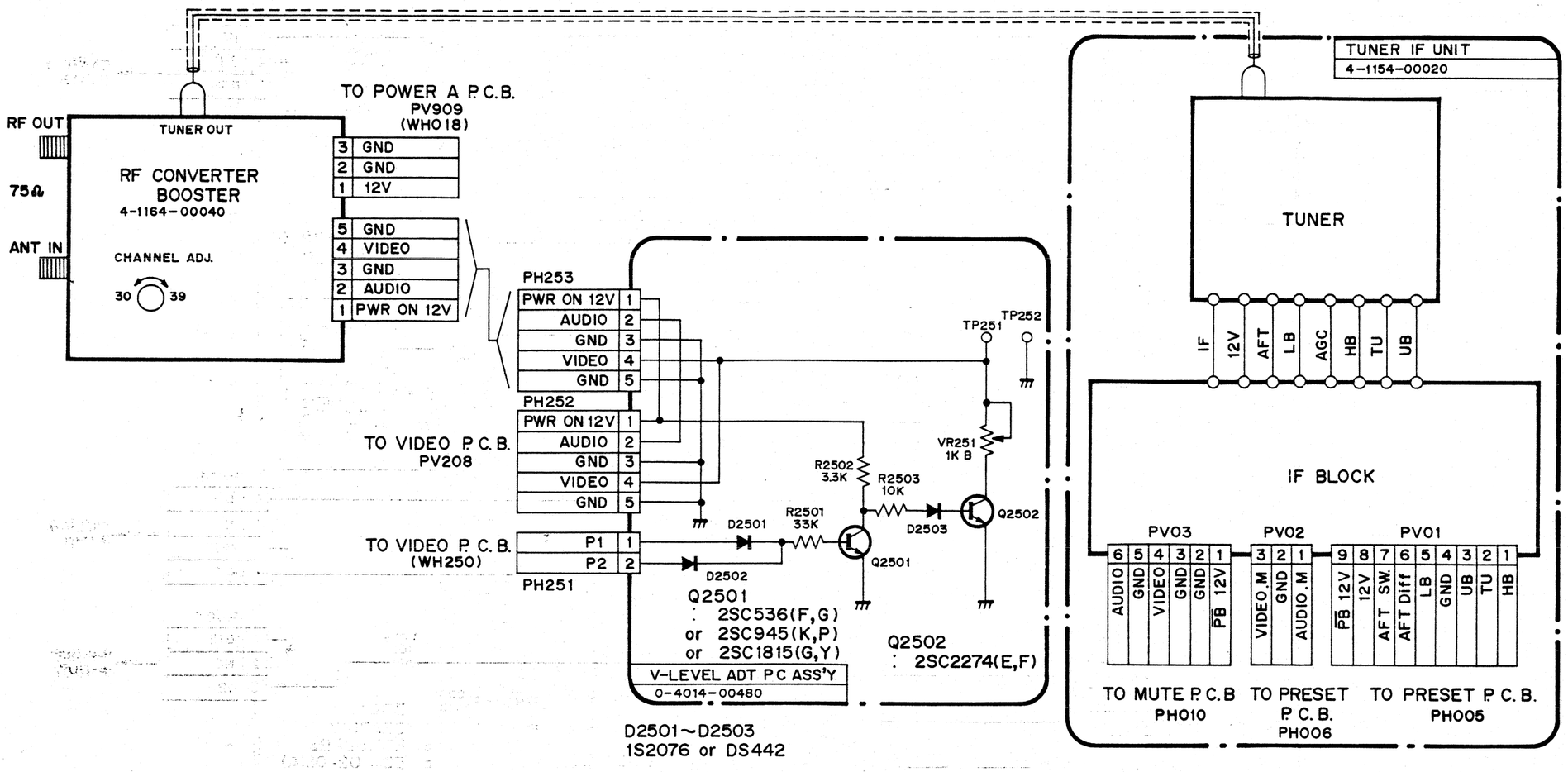


VIDEO CIRCUIT IC BLOCK DIAGRAM

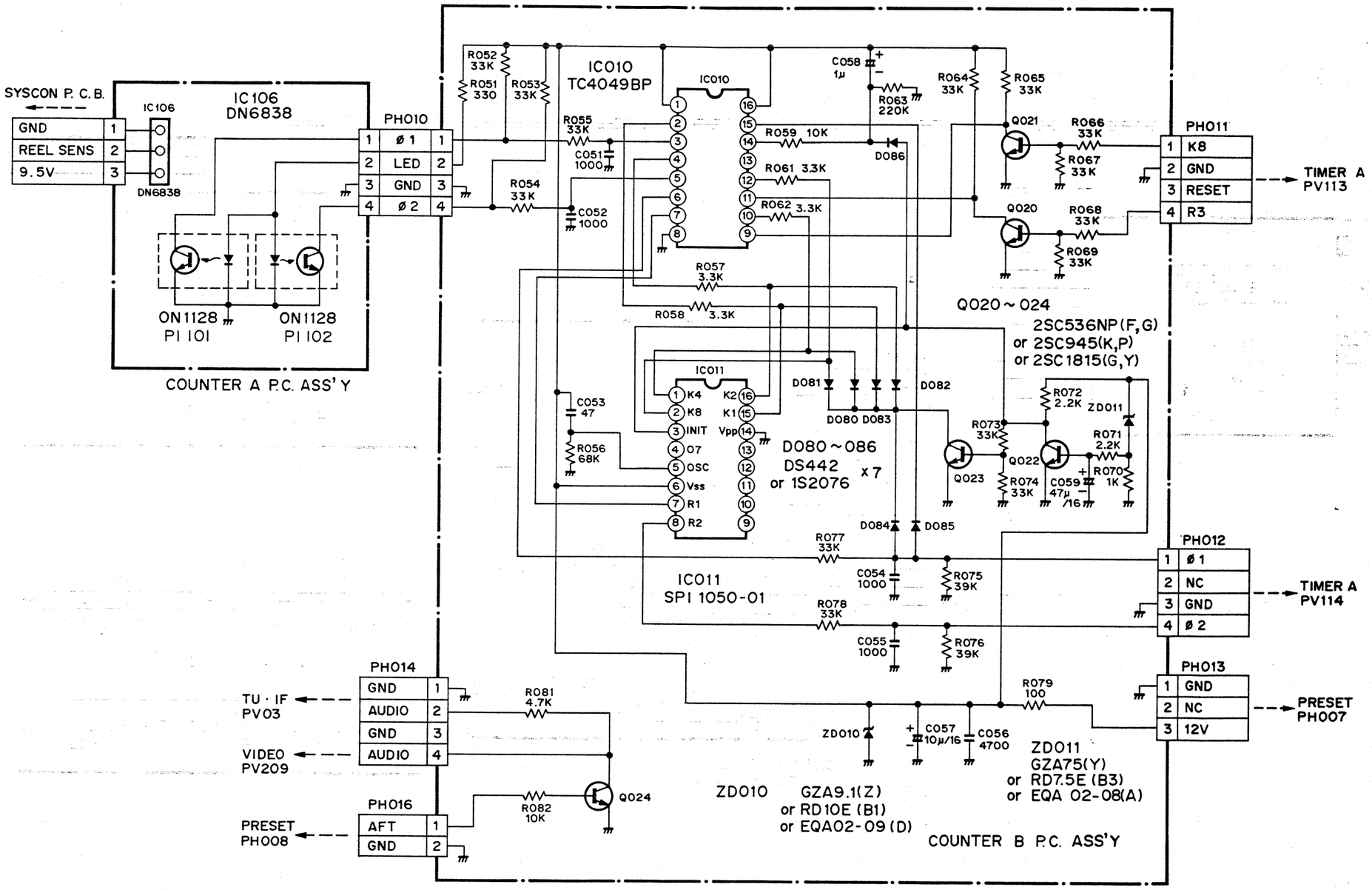
IC201 HA11724



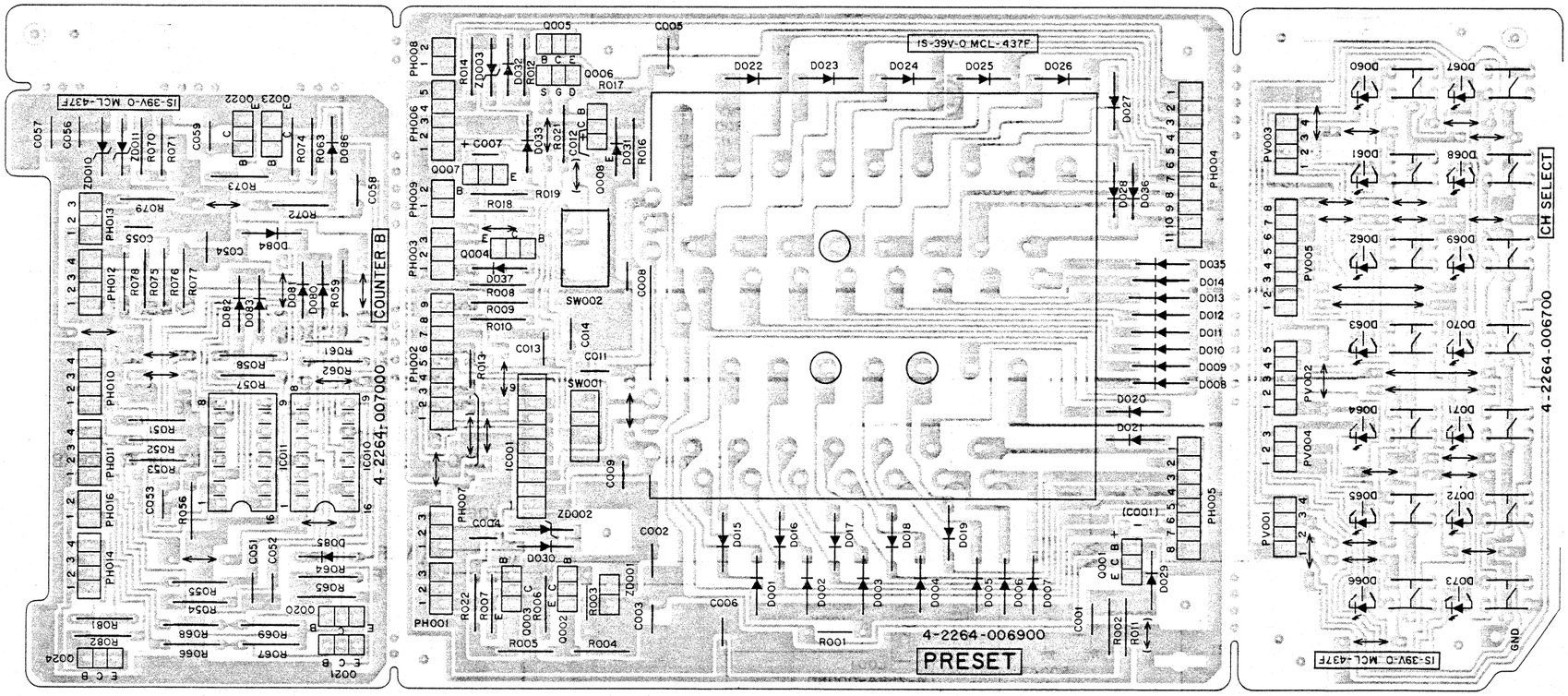
TUNER RF CONVERTER DIAGRAM



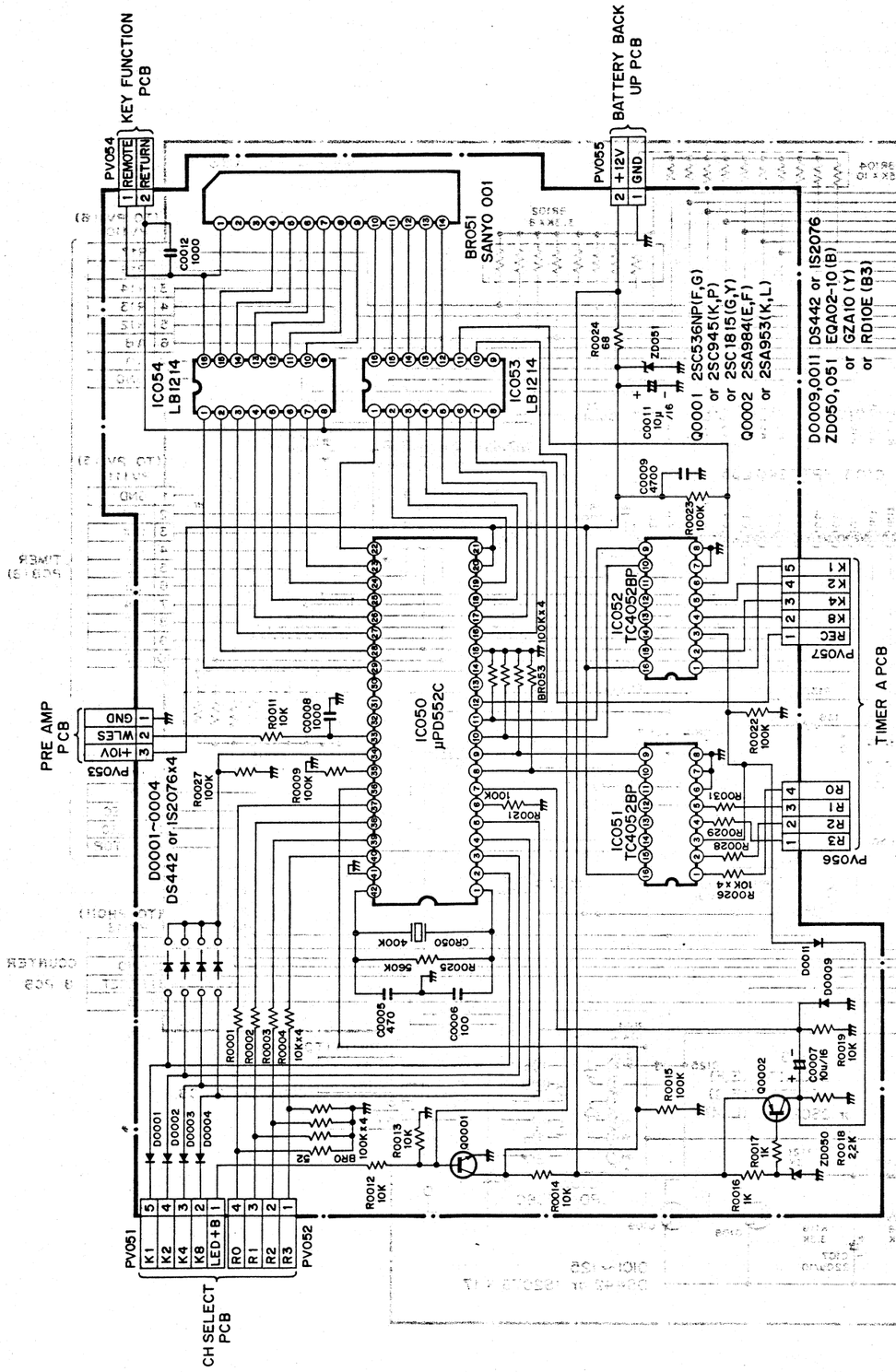
COUNTER DIAGRAM



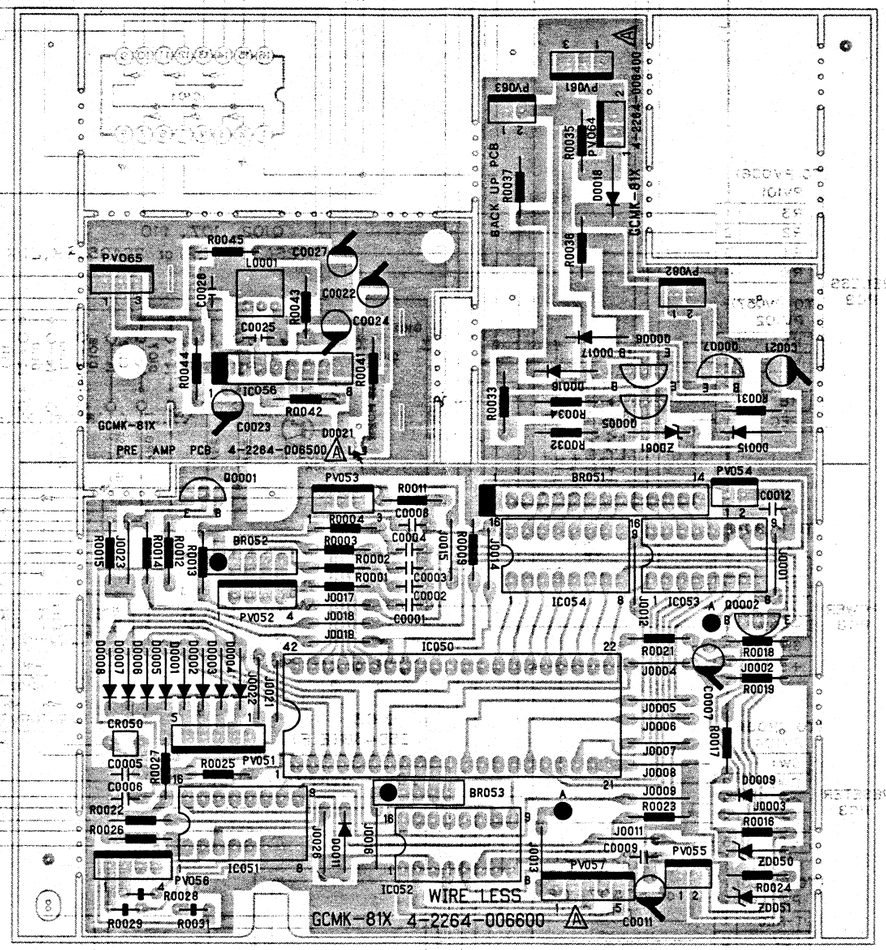
CHANNEL SELECT PRESET AND COUNTER P.C.B.



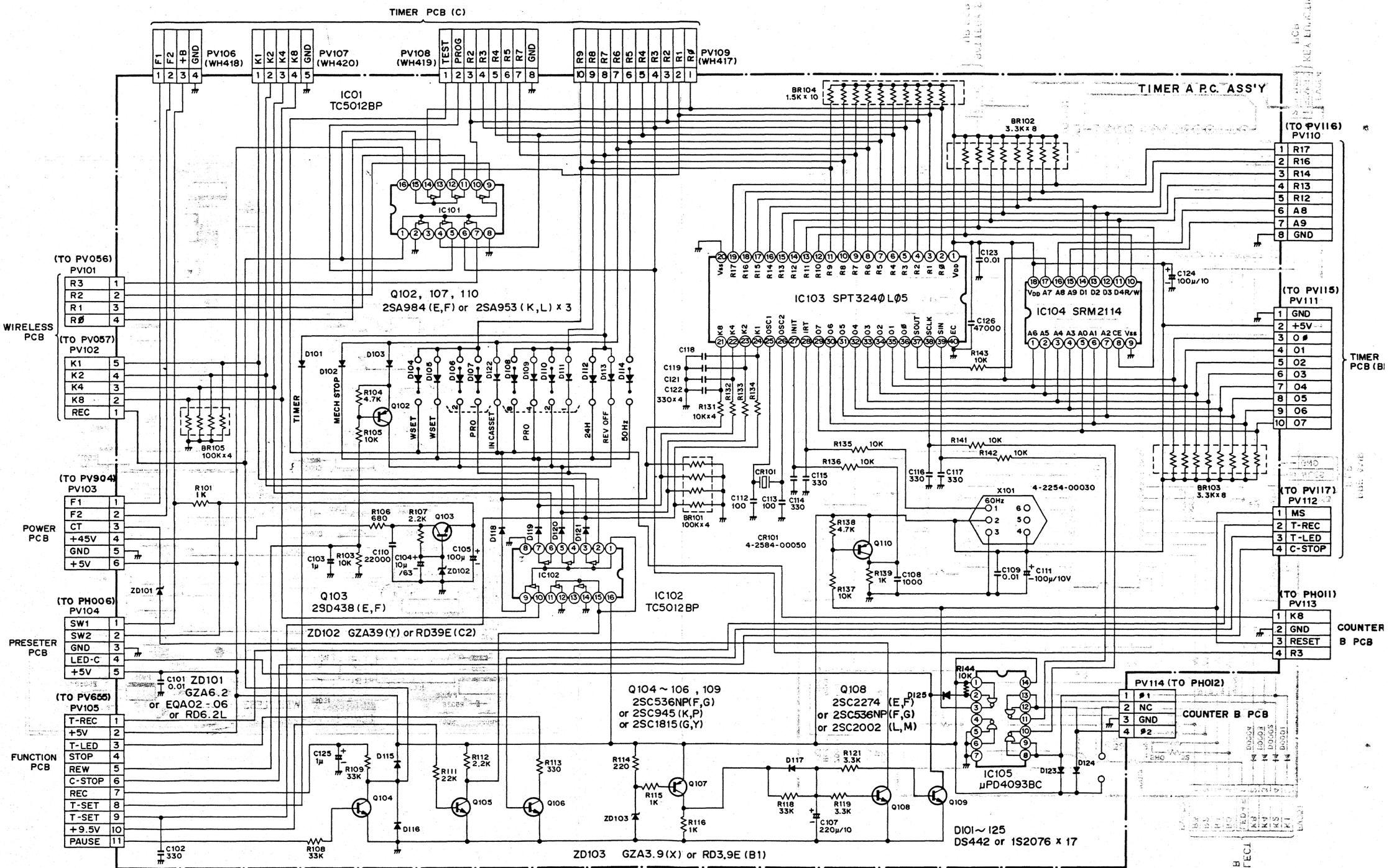
WIRELESS DIAGRAM



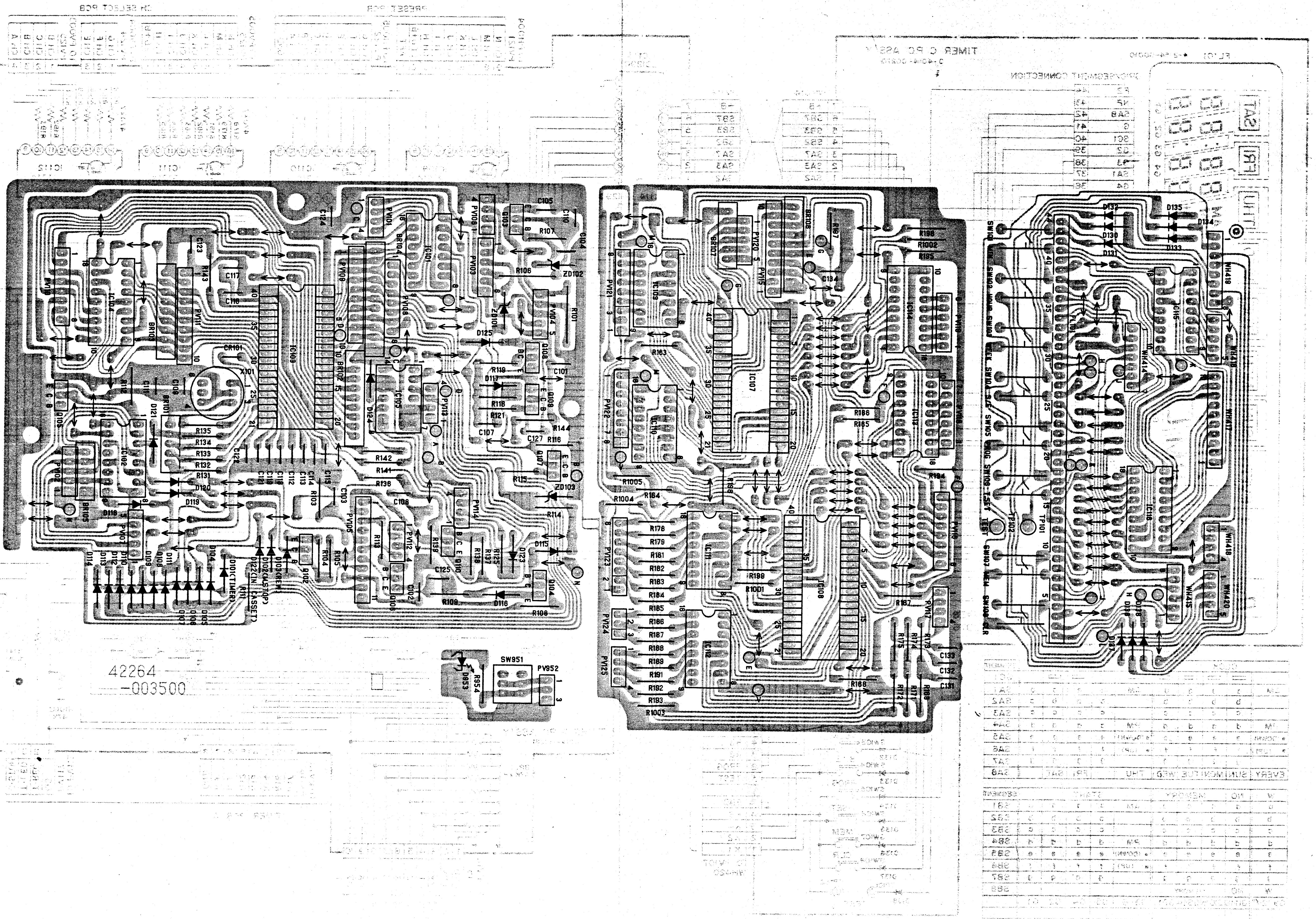
BACK UP AND PRE AMP AND WIRELESS P.C.B.



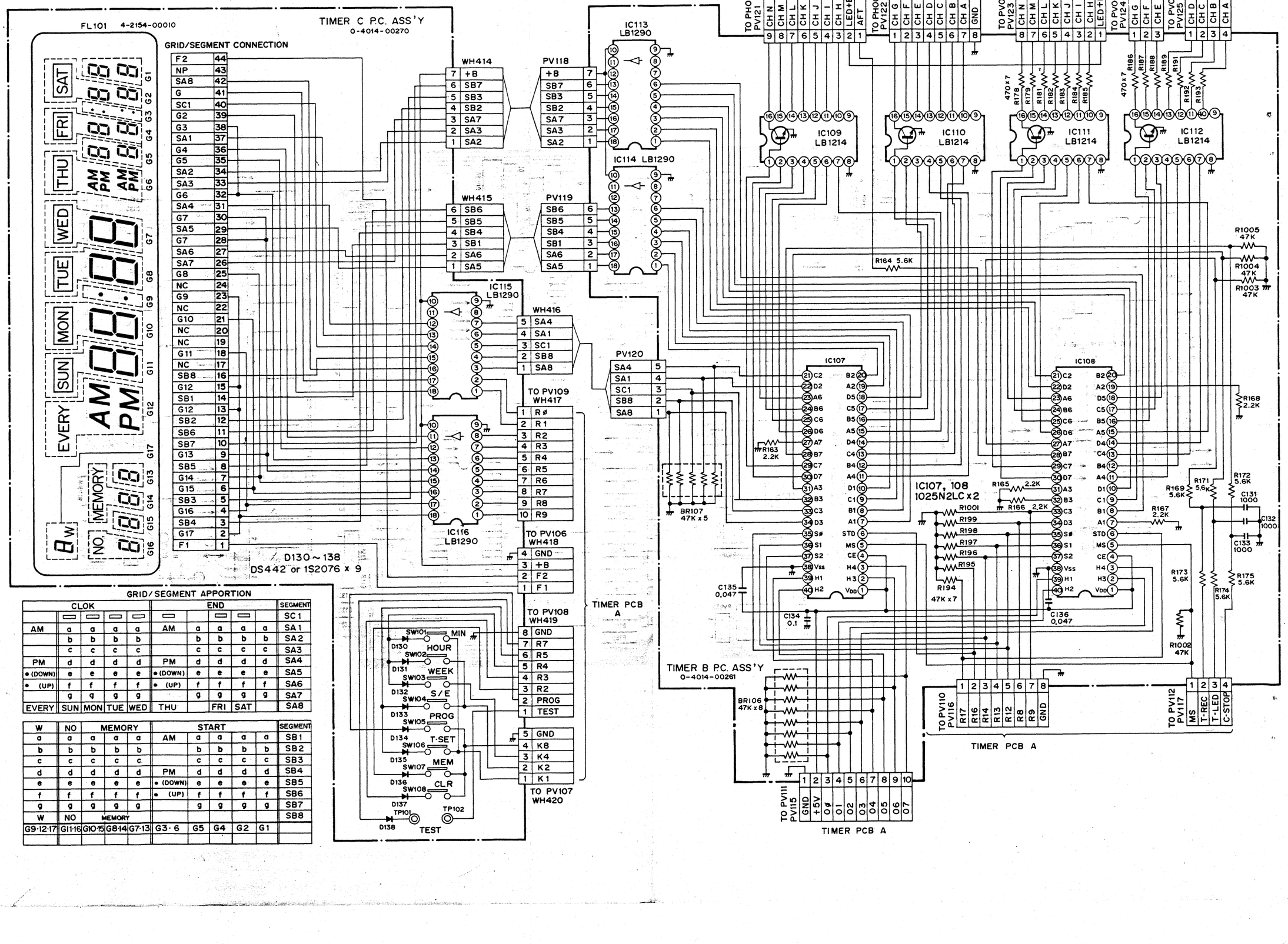
TIMER A DIAGRAM



TIMER A.B.C. P.C.B.


IC101
IC102
IC103
IC104
IC105
IC107
IC108
IC109
IC110
IC111
IC112
IC113
IC114
IC115
IC116
PV101
PV102
PV103
PV104
PV105
PV106
PV107
PV108
PV109
PV110
PV111
PV112
PV113
PV114
PV115
PV116
PV117
PV118
PV119
PV120
PV121
PV122
PV123
PV124
PV125
PV952
BR101
BR102
BR103
BR104
BR105
BR106
BR107
CR101
X101
ZD101
ZD102
ZD103
SW951
D953
R954
D101(TIMER)
D102(M.STOP)
D103(REW)
D122(IN CASSET)
SW101
SW102 HOUR
SW103
WEEK SW104
S/E
SW105 PROG
SW106 T.SET
TEST
SW107 MEM
SW108 CLR
TP101
TP102
FL101
WH414
WH415
WH417
WH418
WH419
WH420
42264
-003500

TIMER B.C. DIAGRAM



GRID/SEGMENT APPORTION

	CLOK				END					SEGMENT
	▭	▭	▭	▭	▭		▭	▭		SC1
AM	a	a	a	a	AM	a	a	a	a	SA1
	b	b	b	b		b	b	b	b	SA2
	c	c	c	c		c	c	c	c	SA3
PM	d	d	d	d	PM	d	d	d	d	SA4
• (DOWN)	e	e	e	e	• (DOWN)	e	e	e	e	SA5
• (UP)	f	f	f	f	• (UP)	f	f	f	f	SA6
	g	g	g	g		g	g	g	g	SA7
EVERY	SUN	MON	TUE	WED	THU		FRI	SAT		SA8

W	NO	MEMORY				START					SEGMENT
a	a	a	a	a	a	AM	a	a	a	a	SB1
b	b	b	b	b	b		b	b	b	b	SB2
c	c	c	c	c	c		c	c	c	c	SB3
d	d	d	d	d	d	PM	d	d	d	d	SB4
e	e	e	e	e	e	• (DOWN)	e	e	e	e	SB5
f	f	f	f	f	f	• (UP)	f	f	f	f	SB6
g	g	g	g	g	g		g	g	g	g	SB7
W	NO	MEMORY									SB8
G9·12·17	G11·16	G10·15	G8·14	G7·13	G3·6	G5	G4	G2	G1		

PRODUCTION CHANGE NOTICE

VIDEO CASSETTE RECORDER PARTS LIST

FISHER

FVH-P530

Change on all pages should be made in the SERVICE MANUALS.

VIDEO CIRCUIT P.C.B. PARTS

FVH-P530 From Serial No. 10001 to Serial No. 27501				FVH-P530 From Serial No. 27502			
Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
			(CAPACITORS)				
C220	14	C1HCDJ120CH	CERAM 12pF 50V J	C1HCDD100CH	CERAM 10pF 50V D	Change	D
C291	15	C1AREM476A	ELECT 47pF 10V M			Delete	D
			(TRANSISTORS)				
Q228	17	TG2SA608NPF	TR 2SA608NP(F)or(G)			Delete	D
or		TG2SA608SPF	TR 2SA608SP(F)or(G)			Delete	D
or		TN2SA1175F	TR 2SA1175(F)or(G)			Delete	D
or		TN2SA733P	TR 2SA733(P)or(Q)			Delete	D
or		TT2SA1015G	TR 2SA1015(G)or(Y)			Delete	D
			(RESISTORS)				
R336	19	R2EDPJ471A	CARBO 470 1/4W J			Delete	D
R337	19	R2EDPJ223A	CARBO 22k 1/4W J			Delete	D

AUDIO CIRCUIT P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
			(CAPACITOR)				
C406	20	C1CREM106A	ELECT 10μF 16V M	C1HREM105A	ELECT 1μF 50V M	Change	D
			(TRANSISTORS)				
Q402 (or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q405 (or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q406 (or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q407 (or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q409 (or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q411 (or)	21			TT2SC1815G	TR 2SC1815(G)or(Y)	Add	D
Q414 (or)	21			TN2SC1845E	TR 2SC1845(E)or(U)	Add	D
Q415 (or)	21			TN2SC1845E	TR 2SC1845(E)or(U)	Add	D
			(RESISTORS)				
R413	21	R2EDPJ331A	CARBO 330 1/4W J	R2EDPJ563A	CARBO 56k 1/4W J	Change	D
R431	21	R2EDUJ333A	CARBO 33k 1/4W J			Delete	D
R461	21	R2EDPJ103A	CARBO 10k 1/4W J	R2EDPJ333A	CARBO 33k 1/4W J	Change	D
R462	21	R2EDPJ103A	CARBO 10k 1/4W J	R2EDPJ272A	CARBO 2.7k 1/4W J	Change	D
			(VARIABLE RESISTOR)				
VR403	21	4-2224-00290	SEMI 100kB	4-2224-00070	SEMI 200kB	Change	D

SYSTEM CONTROL SERVO P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
	21	0-4014-00393	SYSCON SERVO PC ASSY	0-4014-00395	SYSCON SERVO PC ASSY	Change	D
			(CAPACITOR)				
C517				C1EBDK103SP	SEMI 0.01μF 25V K	Add	D
			(RESISTORS)				
R734	26	R2EDPJ183A	CARBO 18k 1/4W J	R2EDPJ123A	CARBO 12k 1/4W J	Change	D

N

FVH-P530 From Serial No. 10001 to Serial No. 27501				FVH-P530 From Serial No. 27502			
Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
R735	26	R2EDPJ183A	CARBO 18k 1/4W J	R2EDPJ123A	CARBO 12k 1/4W J	Change	D
R741	26	R2EDPJ223A	CARBO 22k 1/4W J	R2EDPJ272A	CARBO 2.7k 1/4W J	Change	D
			(VARIABLE RESISTORS)				
VR705	27	4-2224-00140	SEMI 22kB	4-2224-00760	SEMI 33kB	Change	D
VR706	27	4-2224-00140	SEMI 22kB	4-2224-00760	SEMI 33kB	Change	D

SYSTEM CONTROL DRIVE P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
	27	0-4014-00410	SYSCON DRIVE PC ASSY	0-4014-01210	SYSCON DRIVE PC ASSY	Change	D
			(CAPACITORS)				
C872	27	C1EREM107A	ELECT 100μF 25V M	C1HYDK103B	CERAM 0.01μF 50V K	Change	D
C873	27	C1EBDK473SP	SEMI 0.047μF 25V K	C1EREM107A	ELECT 100μF 25V M	Change	D
C875	27	C1EBDK473SP	SEMI 0.047μF 25V K	C1ELEM475A	ELECT 4.7μF 25V M	Change	D
C876	27	C1EBDK473SP	SEMI 0.047μF 25V K	C1ELEM475A	ELECT 4.7μF 25V M	Change	D
C877	27	C1EBDK473SP	SEMI 0.047μF 25V K	C1ELEM475A	ELECT 4.7μF 25V M	Change	D
C880				C1EBDK473SP	SEMI 0.047μF 25V K	Add	D
C881	27	C1HYDK152B	CERAM 0.015μF 50V K			Delete	D
C882	27	C1HYDK152B	CERAM 0.015μF 50V K			Delete	D
C883	27	C1HYDK152B	CERAM 0.015μF 50V K			Delete	D
C884	27	C1EREM475A	ELECT 4.7μF 25V M			Delete	D
C885	27	C1EREM475A	ELECT 4.7μF 25V M	C1EBDK473SR	SEMI 0.047μF 25V K	Change	D
C886	27	C1EREM475A	ELECT 4.7μF 25V M			Delete	D
IC861	27	IHHA11714	IC HA 11714	IGLB1620	IC LB 1620	Change	D
IC862	27	IHHA11715	IC HA 11715			Delete	D
IC863(or)	27			IRSANYO003	HYBRID IC SANYO 003	Add	D
IC864(or)	27			IRSANYO004	HYBRID IC SANYO 004	Add	D
			(TRANSISTORS)				
Q868(or)	28	TN2SC1449K	TR 2SC1449(K)or(L)			Delete	D
or		TT2SC496Y	TR 2SC496(Y)			Delete	D
			(RESISTORS)				
R881	28	R2EDPJ100A	CARBO 10 1/4W J	R2EDPJ333A	CARBO 33k 1/4W J	Change	D
R884	28	R2HNPKR47A	METAL 0.047 1/2W K	R2EDPJ100A	CARBO 10 1/2W K	Change	D
R885	28	R2EDPJ183A	CARBO 18k 1/4W J	R2EDPJ471A	CARBO 470 1/4W J	Change	D
R886	28	R2EDPJ101A	CARBO 100 1/4W J	R2EDPJ471A	CARBO 470 1/4W J	Change	D
R887				R2HNPKR47A	METAL 0.47 1/2W K	Add	D

WIRELESS P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
BR052	30	4-2214-00060	BLOCK RESIST 100X4	4-2214-00050	BLOCK RESIST 10KX4	Change	D
or		4-2214-00061	BLOCK RESIST 100X4	4-2214-00051	BLOCK RESIST 10KX4	Change	D
			(RESISTOR)				
R0019	30	R2EDPJ103A	CARBO 10k 1/4W J	R2EDPJ823A	CARBO 82k 1/4W J	Change	D
			(ZENER DIODES)				
ZD050	30	DFEQA02-10B	ZE DIODE EQA02-10B	DFEQA02-06C	ZE DIODE EQA02-06C	Change	D
or		DGGZA10Y	ZE DIODE GZA10Y	DGGZA5.6Y	ZE DIODE GZA5.6Y	Change	D
or		DNRD10E-B3	ZE DIODE RD10E-B3	DNRD5.6E-B2	ZE DIODE 5.6E-B2	Change	D

TIMER A P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
			(CAPACITOR)				
C111	30	C1AREM107A	ELECT 100μF 10V M			Delete	D
			(DIODES)				
D112				DGDS442	DIODE DS442	Add	D
or				DH1S2076	DIODE 1S2076	Add	D
IC103	31	IISPT3240LO5	IC SPT3240LO5	IISPT3240LO6	IC SPT3240LO6	Change	D
IC104	31	ISSRM2114O3	IC SRM2114C3	ISSRM2114C3	IC SRM2114C3	Correction	E

FVH-P530 From Serial No. 10001 to Serial No. 27501				FVH-P530 From Serial No. 27502			
Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
IC105	31	INMPD4093BC	IC MPD4093BC	IGLC4011	IC LC4011	Change	D
			(RESISTORS)				
R119	31	R2EDPJ332A	CARBO 3.3k 1/4W J			Delete	D

KEY FUNCTION P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
S651	33	4-2314-00030	KEY BOARD SW	4-2314-00040	1 KEY PUSH SW	Change	D
S652	33	4-2314-00030	KEY BOARD SW	4-2314-00040	1 KEY PUSH SW	Change	D

POWER CIRCUIT P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
	33	0-4014-00135	POWER TR PC ASSY-F			Delete	D
			(TRANSISTOR)				
Q907	33	TG2SB698F	TR 2SB698(F)or(G)	TG2SB631K	TR 2SB631K(E)or(F)	Change	D

PACKING MATERIALS

FVH-P530 From Serial No. 10001 to Serial No. 27501				FVH-P530 From Serial No. 27502			
Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
	2	143-6-1424-00140	IND. CORR CARTON HV01-AU	143-6-1424-00187	IND. CORR CARTON HV01-DC	Change	A

CABINET PARTS (1)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
1	3	143-0-1104-00308	Cabinet, Front Assy-HV23-C	143-0-1104-00314	Cabinet, Front Assy-HV23-C	Change	D
7	3	143-2-1204-00101	Cabinet Top				
		143-2-1904-00419	Name Plate-FEP530	143-0-1204-00148	Cabinet Top Assy-HV23-C	Change	D
		143-2-1954-00201	Label Preset-B				
11	3	143-2-1404-00101	Lid Cassette				
		143-2-1604-00209	Decorative Plate Lid-J	143-0-1404-00127	Lid Cassette Assy-HV23-B	Change	D
		143-2-1954-00516	Decorative, Film-FEP530				
13	3	143-2-1454-00100	Lid Preset				
		143-2-1954-00300	Label AFT-A	143-0-1454-00122	Lid Preset Assy-HV23	Change	D
		143-2-1954-00410	Label Timer-AL				

CABINET PARTS (4)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
1	6	143-2-1304-00100	Cabinet Bottom-V				
		143-2-1604-00113	Decorative Plate Term-M	143-0-1304-00113	Cabinet Bottom Assy-HV23-V	Change	D
		143-2-1854-00100	Foot Felt 21×3				
7	6	0-4014-00393	System Control Servo PC Assy	0-4014-00395	System Control Servo PC Assy	Change	D
26	6	201-2-5010-01901	Insulator Sheet(3) MP	201-2-5010-01902	Insulator 1S-3MPB	Change	D

CABINET PARTS (5)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
16	7	0-4014-00410	System Control Drive PC Assy	0-4014-01210	System Control Drive PC Assy	Change	D
18	7	143-2-3404-02801	Brkt, Chassis Right	143-2-3404-02801	Brkt, Chassis Right-B	Change	D

CHASSIS PARTS (2)

FVH-P530 From Serial No. 10001 to Serial No. 27501				FVH-P530 From Serial No. 27502			
Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
15	9	143-2-6904-00100	Spring, Cassette Up			Delete	D
29	9	143-2-3404-03100	Lid Opener	143-2-3404-00400	Lid Opener Assy	Change	D
30	9	143-2-3404-03300	Brkt, Stage Switch			Delete	D
32	9	0-4064-00031	Stage Switch Assy	0-4064-00151	Stage Switch Assy	Change	D

CHASSIS PARTS (3)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
31	10	4-2424-00070	Audio Control Erase Hd	4-2424-00120	Audio Control Erase Hd	Correction	E

CHASSIS PARTS (4)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
9	11	4-5254-00020	Capstan Motor	4-5254-00021	Capstan Motor	Correction	E
10	11	143-0-7704-00100	Guide Roller Assy	143-0-7704-00300	Guide Roller Assy	Correction	E
21	11	4-5254-00010	Cylinder Motor	4-5254-00050	Cylinder Motor	Correction	E
22	11	143-2-5804-01000	Screw, M2.3×10	143-2-5804-02000	Screw, M2.3×5	Change	D
30	11	143-2-5804-01100	Screw, Pan Hd Machine Combination Plain Washer M2.3×6	135-3-1302-30513	Screw, Pan Hd Machine Combination Plain Washer M2.3×5	Change	D

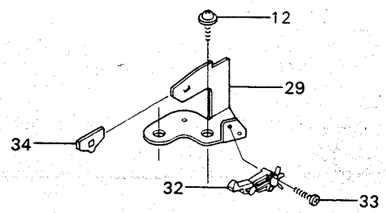
CHASSIS PARTS (6)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
12	13	143-0-3404-00301	Base Switch Assy	143-0-3404-00300	Base Switch Assy	Correction	E
14	13	4-2314-00060	Micro Switch Assy	0-4064-00041	Safety Switch Assy	Change	D
25	13	143-2-5104-00090	Lever, Connecting	143-2-5104-00090	Lever, Connect	Correction	E
26	13	143-2-6604-00500	Spring, Lever Connecting	143-2-6604-00500	Spring, Lever Connect	Correction	E

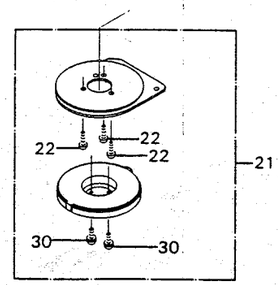
REASON FOR CHANGE PRODUCTION

A. . . . . Standardization
B. . . . . Change of Materials
C. . . . . Improvement of Reliability
D. . . . . Improvement of Performance
E. . . . . Miss Print
F. . . . . Miss Resister

CHASSIS PARTS (2)



CHASSIS PARTS (4)

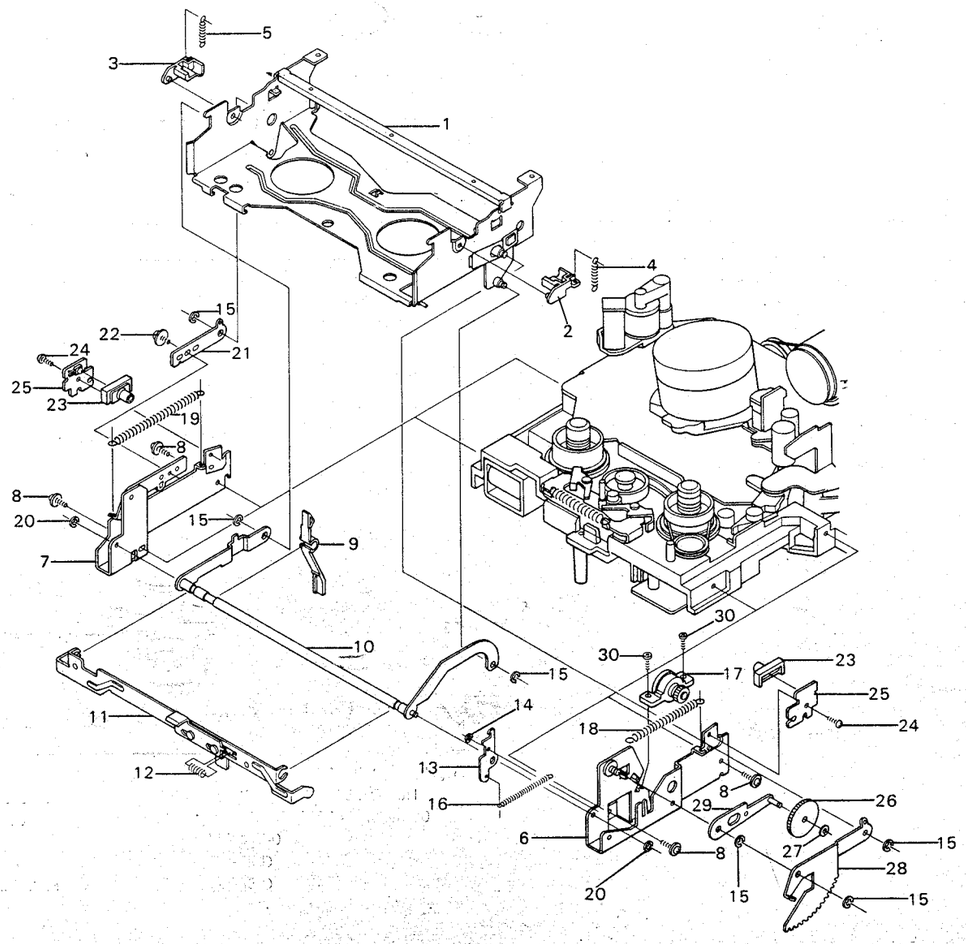


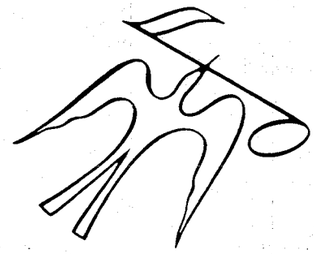
CHASSIS PARTS (1) From Serial No. 27502

Ref No	Part No.	Description
1	143-0-7304-03600	Stage Assy-N (Cassette Holder)
2	143-2-7304-04800	Clamp Cassette, Hold Down Supply Reel Side
3	143-2-7304-04700	Clamp Cassette, Hold Down Take Up Reel Side
4	143-2-6604-01700	Spring Cassette, Hold Down Clamp-R
5	143-2-6604-03700	Spring Cassette, Hold Down Clamp-L
6	143-0-7304-03700	Brkt, Eject Take Assy-N
7	143-0-7304-05000	Brkt, Eject Supply Assy-N
8	143-2-5804-01208	Screw, Pan Hd Tapping B-Tite +M3×8
9	143-2-7304-00800	Lever, Inter Lock
10	143-0-7304-03800	Lod Eject Assy-N
11	143-0-7304-01900	Lever Eject Assy
12	143-2-6704-00400	Spring, Slider
13	143-2-7304-04400	Plate, Lock Take
14	112-3-1301-50040	Ring, E-Type M1.5
15	112-3-1303-00040	Ring, E-Type M3

Ref No	Part No.	Description
16	143-2-6604-03600	Spring, Plate Lock-N
17	143-2-7304-10400	Oil Dumper
18	143-2-6604-03500	Spring, Link Eject TN
19	143-2-6604-01900	Spring, Link Eject S
20	112-3-1302-50040	Ring, E-Type M2.5
21	143-2-7304-04100	Link, Eject Supply-B
22	136-3-1303-00416	Screw, Pan Hd Machine Combination Spring Washer +M3×4
23	143-2-3454-00100	Holder, Lamp Eject
24	143-2-5804-02205	Screw, Pan Hd Machine +M2.6×5
25	0-4014-00141	End Senser PC Assy
26	143-2-7304-09200	Gear Idler
27	143-2-6304-02300	Washer, ST 8×2.6×0.25
28	143-2-7304-09000	Link, Eject Take-N
29	143-0-7304-03900	Arm Gear Assy
30	143-2-5804-02706	Special Screw, Pan Hd Machine 2.6×6

NOTE: Parts order must contain Model Number, Part Number and Description.





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FVH-P530 From Serial No. 10001 to Serial No. 27501				FVH-P530 From Serial No. 27502			
Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
IC105	31	INMPD4093BC	IC MPD4093BC	IGLC4011	IC LC4011	Change	D
			(RESISTORS)				
R119	31	R2EDPJ332A	CARBO 3.3k 1/4W J			Delete	D

KEY FUNCTION P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
S651	33	4-2314-00030	KEY BOARD SW	4-2314-00040	1 KEY PUSH SW	Change	D
S652	33	4-2314-00030	KEY BOARD SW	4-2314-00040	1 KEY PUSH SW	Change	D

POWER CIRCUIT P.C.B. PARTS

Schematic Location	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
	33	0-4014-00135	POWER TR PC ASSY-F			Delete	D
			(TRANSISTOR)				
Q907	33	TG2SB698F	TR 2SB698(F)or(G)	TG2SB631K	TR 2SB631K(E)or(F)	Change	D

PACKING MATERIALS

FVH-P530 From Serial No. 10001 to Serial No. 27501				FVH-P530 From Serial No. 27502			
Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
	2	143-6-1424-00140	IND. CORR CARTON HV01-AU	143-6-1424-00187	IND. CORR CARTON HV01-DC	Change	A

CABINET PARTS (1)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
1	3	143-0-1104-00308	Cabinet, Front Assy-HV23-C	143-0-1104-00314	Cabinet, Front Assy-HV23-C	Change	D
7	3	143-2-1204-00101	Cabinet Top				
		143-2-1904-00419	Name Plate-FEP530	143-0-1204-00148	Cabinet Top Assy-HV23-C	Change	D
		143-2-1954-00201	Label Preset-B				
11	3	143-2-1404-00101	Lid Cassette				
		143-2-1604-00209	Decorative Plate Lid-J	143-0-1404-00127	Lid Cassette Assy-HV23-B	Change	D
		143-2-1954-00516	Decorative, Film-FEP530				
13	3	143-2-1454-00100	Lid Preset				
		143-2-1954-00300	Label AFT-A	143-0-1454-00122	Lid Preset Assy-HV23	Change	D
		143-2-1954-00410	Label Timer-AL				

CABINET PARTS (4)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
1	6	143-2-1304-00100	Cabinet Bottom-V				
		143-2-1604-00113	Decorative Plate Term-M	143-0-1304-00113	Cabinet Bottom Assy-HV23-V	Change	D
		143-2-1854-00100	Foot Felt 21×3				
7	6	0-4014-00393	System Control Servo PC Assy	0-4014-00395	System Control Servo PC Assy	Change	D
26	6	201-2-5010-01901	Insulator Sheet(3) MP	201-2-5010-01902	Insulator 1S-3MPB	Change	D

CABINET PARTS (5)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
16	7	0-4014-00410	System Control Drive PC Assy	0-4014-01210	System Control Drive PC Assy	Change	D
18	7	143-2-3404-02801	Brkt, Chassis Right	143-2-3404-02801	Brkt, Chassis Right-B	Change	D

CHASSIS PARTS (2)

FVH-P530 From Serial No. 10001 to Serial No. 27501				FVH-P530 From Serial No. 27502			
Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
15	9	143-2-6904-00100	Spring, Cassette Up			Delete	D
29	9	143-2-3404-03100	Lid Opener	143-2-3404-00400	Lid Opener Assy	Change	D
30	9	143-2-3404-03300	Brkt, Stage Switch			Delete	D
32	9	0-4064-00031	Stage Switch Assy	0-4064-00151	Stage Switch Assy	Change	D

CHASSIS PARTS (3)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
31	10	4-2424-00070	Audio Control Erase Hd	4-2424-00120	Audio Control Erase Hd	Correction	E

CHASSIS PARTS (4)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
9	11	4-5254-00020	Capstan Motor	4-5254-00021	Capstan Motor	Correction	E
10	11	143-0-7704-00100	Guide Roller Assy	143-0-7704-00300	Guide Roller Assy	Correction	E
21	11	4-5254-00010	Cylinder Motor	4-5254-00050	Cylinder Motor	Correction	E
22	11	143-2-5804-01000	Screw, M2.3×10	143-2-5804-02000	Screw, M2.3×5	Change	D
30	11	143-2-5804-01100	Screw, Pan Hd Machine Combination Plain Washer M2.3×6	135-3-1302-30513	Screw, Pan Hd Machine Combination Plain Washer M2.3×5	Change	D

CHASSIS PARTS (6)

Ref No.	Page No	Part No.	Description	Part No.	Description	Remarks	Reason
12	13	143-0-3404-00301	Base Switch Assy	143-0-3404-00300	Base Switch Assy	Correction	E
14	13	4-2314-00060	Micro Switch Assy	0-4064-00041	Safety Switch Assy	Change	D
25	13	143-2-5104-00090	Lever, Connecting	143-2-5104-00090	Lever, Connect	Correction	E
26	13	143-2-6604-00500	Spring, Lever Connecting	143-2-6604-00500	Spring, Lever Connect	Correction	E

REASON FOR CHANGE PRODUCTION

A. . . . . Standardization
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C. . . . . Improvement of Reliability
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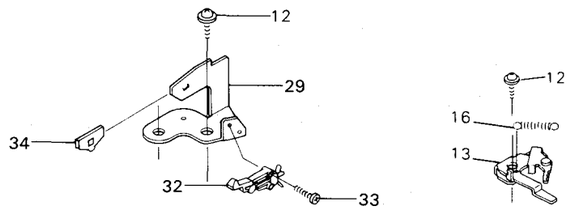
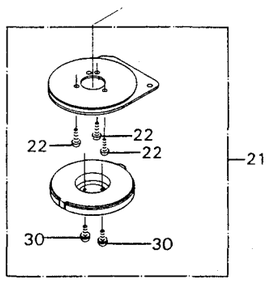
CHASSIS PARTS (2)



CHASSIS PARTS (4)



CHASSIS PARTS (1) From Serial No. 27502

Ref No	Part No.	Description
1	143-0-7304-03600	Stage Assy-N (Cassette Holder)
2	143-2-7304-04800	Clamp Cassette, Hold Down Supply Reel Side
3	143-2-7304-04700	Clamp Cassette, Hold Down Take Up Reel Side
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7	143-0-7304-05000	Brkt, Eject Supply Assy-N
8	143-2-5804-01208	Screw, Pan Hd Tapping B-Tite +M3×8
9	143-2-7304-00800	Lever, Inter Lock
10	143-0-7304-03800	Lod Eject Assy-N
11	143-0-7304-01900	Lever Eject Assy
12	143-2-6704-00400	Spring, Slider
13	143-2-7304-04400	Plate, Lock Take
14	112-3-1301-50040	Ring, E-Type M1.5
15	112-3-1303-00040	Ring, E-Type M3

Ref No	Part No.	Description
16	143-2-6604-03600	Spring, Plate Lock-N
17	143-2-7304-10400	Oil Dumper
18	143-2-6604-03500	Spring, Link Eject TN
19	143-2-6604-01900	Spring, Link Eject S
20	112-3-1302-50040	Ring, E-Type M2.5
21	143-2-7304-04100	Link, Eject Supply-B
22	136-3-1303-00416	Screw, Pan Hd Machine Combination Spring Washer +M3×4
23	143-2-3454-00100	Holder, Lamp Eject
24	143-2-5804-02205	Screw, Pan Hd Machine +M2.6×5
25	0-4014-00141	End Senser PC Assy
26	143-2-7304-09200	Gear Idler
27	143-2-6304-02300	Washer, ST 8×2.6×0.25
28	143-2-7304-09000	Link, Eject Take-N
29	143-0-7304-03900	Arm Gear Assy
30	143-2-5804-02706	Special Screw, Pan Hd Machine 2.6×6

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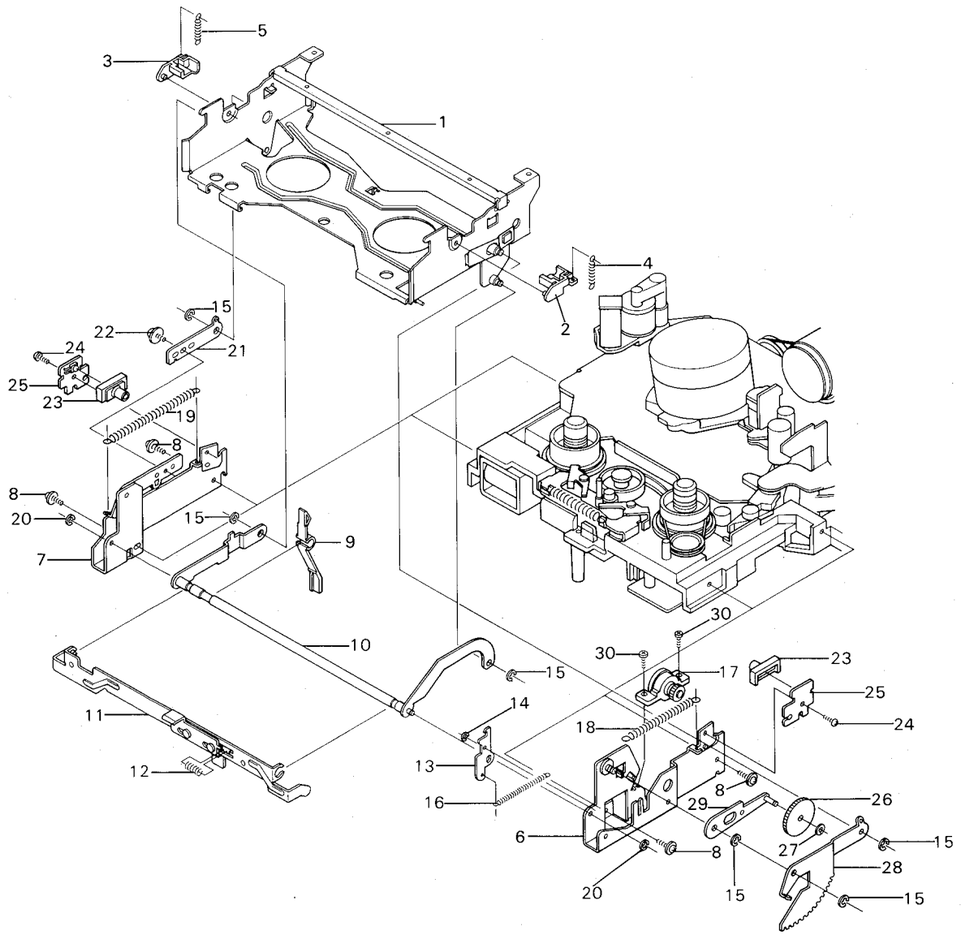

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